Lancaster Farming

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Biotechnology Forces Agriculture To Deal With New Groups

BY EVERETT NEWSWANGER
Managing Editor

WASHINGTON D.C. — At the USDA Biotechnology Challenge Forum here Thursday, William Marshell said biotechnology forces agriculture to deal directly with interest groups it heretofor did not sense the need to include.

Marshell of Pioneer Hi-Bred and chairman of the National Users Advisory Board listed these new interest groups as the environmentalist, the theologian and the city dweller. The forum called together 350 to 400 national, state, European and Japanese government and industry leaders as well as scientific biotechnology and communications leaders. Discussion at the forum included regulation of biotechnology, the opportunities in biotechnology and communicating with the public about biotechnology.

Marshell stressed the need to move forward in this research to reduce agricultural imput costs rathan than increased production. "Since 1976 the variable imput costs associated with planting corn have increased $55 per acre," Marshell said. "At today's target prices, yield increases of 18 bushels per acre would be necessary just to cover the rise in imput costs. Increases in productivity cannot assure profitability," Marshell said. "We need to develop a whole new menu of inexpensive technologies to support inexpensive commodities. The low commodity prices of the future cannot support the traditional costs of imputs.

Dr. Orville Bentley, USDA's assistant secretary for science and education, said the ability to transfer genetic information molecules under laboratory conditions may be the most significant development of recent times for applied biology The ability of techniques to modify cellular components in order to achieve desired practical objectives provides a new tool of unparelled promise to agricultural scientists. For the first time, we can identify and isolate a specific genetic segment from a plant, which will create predictable end results. The door is open for us to progam the ability to vary a plant's nutrient intake from soil, sun, water or fertilizer to impart resistant to a specific desease, insect or environmental stress and to enhance product quality In animals molecular biology enables us to modify body composition to meet the demand for leaner meats and to increase growth and production through the use of biotechnologically produced copies of naturally occurring substances

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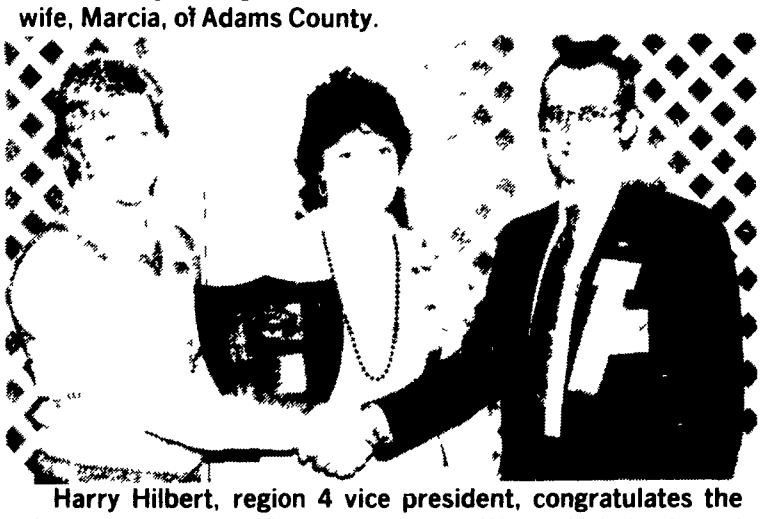
Larry Hay, region 5 vice president, congratulates the Outstanding Young Farmer Over 30, Tim Brown, and his wife, Marcia, of Adams County.



Harry Hilbert, region 4 vice president, congratulates the Outstanding Young Farmer Under 30, Wayne Heimbach, and his wife, Correne, of Snyder County.

Members, Leaders Honored At Lancaster 4-H Banquet

BY JACK HUBLEY

LANCASTER — It was Saint Patrick's Day, 1937 when a young Penn State graduate named Max Smith began his Extension career as an assistant county agent in Lancaster County.

The transplanted Washington Countian must have liked what he found, both in the county and the 4-H program.

Half a century later, Smith's legacy lives on, in the form of the more than 300 4-H beef and sheep club members and supporters who gave him a standing ovation at the Lancaster County 4-H Livestock Banquet on Thursday evening at the county's Farm and Home Center.

During his tenure as county agent from 1937 to 1981, Smith guided club members to 16 grand champion steer and 19 grand champion lamb trophies at the State Farm Show. Starting with 33 4-H members in his first year, Smith beefed up the ranks to 176 members in 1958, a record that still stands.

According to the veteran county agent, a trip he made to Colorado during the 1950s may have been one of the reasons for the growth in the club's popularity. Smith made the trip to scout for some Hereford show prospects that might be good enough to break the string of Farm Show wins posted by Angus steers from the Lehigh Valley. Visiting ranches in the Colorado Rockies, he finally found what he was looking for.

"We picked a carload of Hereford calves and they turned

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Brown, Heimbach Selected PYFA Outstanding Farmers

GETTYSBURG — Members of the Pennsylvania Young Farmer's Association honored two farm couples with Outstanding Farmer awards during their annual convention banquet in Gettysburg Thursday evening.

Timothy and Marcia Brown of the Gettysburg Young Farmer Chapter received the award for the Outstanding Young Farmer Over 30, while Wayne and Correne Heimbach of the Selinsgrove Chapter were named the Outstanding Young Farmer Under 30.

The Browns, who represented region 4 in the competition, are dairy farmers. Tim is a 50 percent partner with his brother, Martin, in an operation that consists of 75 Holstein cows and 75 head of replacements They grow corn, small grains and hay

The Browns are active the Kingsdale Fire Company, DHIA, Interstate Milk Producers and St. Mary's United Church of Christ

Under 30 winners Wayne and Correne Heimbach from Snyder County are also dairy farmers. Wayne is a partner in a dairy operation that consists of 135 milk cows and 140 replacements They grow corn, small grains and hay

Parents of two children, the Heimbachs are active in PFA, Farm Bureau, PYFA and the Mifflinburg Church of the Nazerene They represented region 3 in the competition

Other regional finalists in the Under 30 contest were Kerry and Deborah Boyd of the Ephrata Young Farmer Chapter, Stanley and Gina Meyers of the James Buchanan Young Farmer Chapter, Donald and Janet Cober, Jr. of the Berlin Brothersvalley Chapter, and Sam and Starr Geesaman from the Northern Lebanon Chapter.

Regional finalists in the Over 30 group included Robert and Deborah Wenger of the Solanco Chapter, Allen and Linda Wehr of the Mifflinburg Chapter, Richard and Nancy Walker of the Berlin

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Lancaster County Independent Dairymen To Receive Letter

BY EVERETT NEWSWANGER
Managing Editor

LANCASTER — Dairymen across the state of Pennsylvania are quickly getting the message through the farm press and local meetings that the Regional Cooperative Marketing Agency, Inc (RCMA) can put extra money in their pockets

The major questions seem to be where is this extra money coming from, and will my local independent handler be hurt by my association with RCMA. These questions and more will be answered in a letter to be mailed this week to the 650 independent producers in Lancaster County This local area has a concentration of dairymen who ship to independent handlers so the mailing is being used as a test to see if farmers will return the enclosed RCMA contract without the need to make personal visits and additional mailing

Harold Ely, RCMA state coordinator, and Donald Ranck, county

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Harold Ely (left). and Donald Ranck visited the Lancaster Farming office this week in the interest of a local RCMA letter to be sent to Lancaster County dairymen who are not members of a dairy cooperative.

Breakfast With PA Legislatures

HARRISBURG — Dairylea Cooperative, Inc , held an informal breakfast for dairy farmers and Pennsylvania state senators and house members this week here in the Tuesday Club. This meeting gave Dairylea members and state legislatures face-to-face discussion of current dairy and ag issues. About 50 people attended the breakfast

Dairylea was founded in 1907 and is a milk marketing cooperative headquartered in Syracuse, New York. This cooperative is comprised of dairy farmer member/owners with the marketing objective to supply a guaranteed market for all producers at the best possible return Dairylea membership area includes New York, Pennsylvania and New Jersey and parts of New England

Livestock market and auction news

Markets Expanded

Editor's Note: Regular Lancaster Farming readers will notice changes in our market section in weeks to come. In order to provide our readers with more comprehensive and up-to-date market information we have added the Farm Bureau's ACRES computer information service to an already extensive list of market information sources.

Additional market results will be added on livestock, poultry, grain and hay on state, regional and national levels. One highlight in this week's reports is the Philadelphia vegetable market report, discontinued last year and brought back by popular demand.

This is done in an effort to provide our readers with the most useful market information possible.

Lancaster Livestock Market

Lancaster, Pa.
Monday, February 2, 1987
Report Supplied by PDA

	Cattle	Calves	Hogs	Sheep	Goats
Monday's Receipts	1054	69	543	365	300
Monday's Auction	1035	122	583	382	408
Last Monday's Auction	749	111	329	135	394
Last Year's Auction	1089	133	791	409	124

pared with Thursday's market: Slaughter steers grading Choice and Prime firm to .75 higher, other grades fully steady; Heifers steady; Cows and couple Bullocks fully steady; Bulls small supply fully steady. High Choice & Prime 2-4 1250-1570 lbs. sl. steers 64.25-66.10, Choice 2-3 few 4's 1050-1450 lbs. 61.50-64.25, High Good & Low Choice 2-3 1100-1450 lbs. 58.50-61.75, few Good 55.50-57.50; Good & Choice 1100-1485 lbs. holsteins 53.25-56.75. Few High Choice & Prime 3-4 1200-1400 lbs. sl. heifers 60.75-62.75, Choice 2-3 55.50-59.75, Good 51.75-55.00. Breaking Utility and Commercial 2-4 sl. cows 40.00-43, Cutter and Boning Utility 1-3 39.50-42.50, Canner and Low Cutter 37.00-40.00. Couple Choice 1100&1350 lbs. sl. bullocks 55.00&57.00. Yield Grade No. 1 1350-1900 lbs. sl. bulls 51.00-54.00, 2 1050-1530 lbs. 49.50-51.50.

CALVES 122...Vealers mostly steady. Few Choice 180-300 lbs. 90.00-105, High Good and Low Choice 160-320 lbs. 70.00-85, 120-160 lbs. 55.00-70, 80-110 lbs. 48.00-58, few 65-80 lbs. 38.00-45.00. Farm Calves: Holstein Bulls 95-125 ls. 85.00-100.00.

HOGS 583...Barrows and gilts .50 to $1 lower. US No. 1-2 200-240 lbs. 52.00-52.75, No. 1 200-240 lbs. 53.00-54, 1-3 200-255 lbs. 51.50-52, 2-4 220-260 lbs. 51-51.50. Sows $3 to $5 higher. US No. 1-3 350-650 lbs. sows 43.00-45.00.

SHEEP 382...Wooled slaughter lambs and Ewes fully steady. Choice & Prime 90-110 lbs. 85.00-90, 120-150 lbs. 75.00-80, Good to Low Choice 85-95 lbs. 80.00-85; several 25-55 lbs. new crop lambs 125.00-155.00. Slaughter ewes, Utility and Good 30.00-45.00.

GOATS 408...Large 65.00-80, Medium 40.00-55, Small 25.00-40.00.

Vintage Livestock Auction

Paradise, Pa.
Tuesday, February 3, 1987
Report Supplied by PDA

	Cattle	Calves	Sheep	Goats
Today	886	836	7	0
Last Tuesday	734	812	1	0
Last Year	754	715	2	2

CATTLE 886...USDA.(Supply included 45% steers and 51% cows). Compared with Monday's market: Slaughter steers steady to .50 higher; Heifers steady; Cows 2-4 1175-1450 lbs. sl. steers 64.50-67.25, 15 head Choice & Prime 2-3 1150-1425 lbs. 67.50-68.85, Choice 2-3 few 4's 62-64.25, few 65.25, few lots 3-4 1140-1400 lbs. 60.75-62, High Good to Low Choice 2-3 1100-1400 lbs. 58.00-62, few Good 55.00-58.50. Choice 2-3 920-1070 lbs. sl. heifers 55.75-58, couple Prime No. 3, 1200-1255 lbs. 61.50-63.25, Good 2-3 900-1135 lbs. 49.25-52.00. Breaking Utility and Commercial 2-4 sl. cows 39.50-43, couple 45.00, Cutter and Boning Utility 1-3 38.50-42.50, several 44.50, couple 45.50, Canner and Low Cutter 36-39.50. Few Yield Grade No. 1, 1400-1900 lbs. sl. bulls 52.75-54.75, couple No. 2 1000-1500 lbs. 49.25-51.75.

CALVES 836...(Supply included 629in graded sales of which 76% sold to return to farm)...Vealers mostly steady, although Choice not fully tested. Few Choice 190-405 lbs. 77.00-84, High Good and Low Choice 140-300 lbs. 56.00-78, 110-140 lbs. 50.00-60, 80-110 lbs. 46.00-52, few 65-80 lbs. 35.00-45.00. Farm Calves: Holstein Bulls 100-125 lbs. 104.00-108, 90-95 lbs. 100.00-102, Small Frame 110-120 lbs. 94.00-98, 100-105 lbs. 77.00-85, 85-95 lbs. 52.00-56; Holstein Heifers 100-110 lbs. 65.00-80, 80-105 lbs. 51.50-55.00.

SHEEP 7...No market test.

GOATS 0...No market test.

Lancaster Livestock Auction

Lancaster, Pa.
Wednesday, February 4, 1987

	Today	Wk Ago	Yr Ago
CATTLE	246	215	123
CALVES	9	25	14
HOGS	422	340	320
SHEEP	0	60	0
GOATS	0	3	0

CATTLE. COMPARED TO TUESDAY SLAUGHTER STEERS STEADY TO 50 HIGHER, INSTANCES 75 HIGHER ON HIGH GOOD AND LOW CHOICE; COWS GENERALLY STEADY, INSUFFICIENT VOLUME OTHER CLASSES TO FULLY TEST TRENDS. SUPPLY INCLUDED 75% SLAUGHTER STEERS:

SLAUGHTER STEERS: FEW HIGH CHOICE AND PRIME 3-4 1200-1375 LB 64.25-65.75; CHOICE 2-3 FEW 4 1100-1475 LB 61.75-64.75; HIGH GOOD AND LOW CHOICE 2-3 1050-1375 LB 60.00-62.75, INCLUDING AROUND 20 HEAD 1050-1200 LB RETURNED TO FEED AT 61.00-62.60; FEW GOOD 1240-1700 LB HOLTEINS 47.50-51.00

SLAUGHTER HEIFERS: COUPLE CHOICE 2-3 1070-1230 LB 57.00-60.75

COWS: BREAKING UTILITY AND COMMERCIAL 2-4 39.00-44.25; CUTTER AND BONING UTILITY 1-3 38.25-41.75, COUPLE HIGH YIELDING 43.75-45.00; CANNER AND LOW CUTTER 35.50-37.75

BULLS: COUPLE YIELD GRADE 1 2490-2615 LB 49.00-51.00.

VEAL CALVES: INSUFFICIENT VOLUME FOR A MARKET TEST; FEW HIGH GOOD AND LOW CHOICE 80-110 LB 45.00-55.00.

HOGS: COMPARED TO MONDAY BARROWS AND GILTS STEADY, INSTANCES 50 HIGHER ON US 1-2; SOWS 1.00-1.50 LOWER, INSTANCES 5.00 LOWER ON 350-500 LB

BARROWS AND GILTS: US 1-2 200-240 LB 52.75-53 50 US 1 FEW 205-230 LB 53.50-54.00 US 1-3 200-255 LB 51 50-52.50 US 2-4 FEW 220-260 LB 50.50-51 50.

SOWS US 1-2 350-500 LB 38.00-42 00. US 1-3 500-650 LB 42 00-43 50

SHEEP NO MARKET TEST

GOATS NO MARKET TEST

GOATS: All goats sold by the head, few large 58.00-57.00, couple 70.00-71.00, few fleshy medium 47.00-57.00, bulk of supply thin medium 33.00-46.00, several small 18.00-31.00.

New Holland Livestock

New Holland, Pa.
Thursday, Feb. 5

	Cattle	Calves	Sheep	Goats
Today	1219	556	83	97
Last Thursday	1017	652	56	17
Last Year	865	585	29	32

CATTLE: Slaughter steers 25-75 lower, instances 1.50 lower than Wednesday's small supply; slaughter heifers steady; cows steady to 50 lower, instances 1.00 lower; bullocks steady; bulls 1.00-2.00 lower. Supply included 48 percent slaughter steers, 6 percent slaughter heifers, 39 percent cows, 4 percent bulls with balance feeders.

SLAUGHTER STEERS: Few high choice and prime 3-4 1200-1400 lb. 64.60-66.10; few head choice 2 1125-1325 lb. 64.75-66.50; choice 2-3, few 4 1100-1450 lb. 61.50-64.25, mainly 62.00-63.50; Choice 2-3 960-1100 lb. 60.00-62.00; high good and low choice 2-3 1050-1350 lb. 59.00-61.50, with about 25 head 1060-1110 lb. returned to feed at 59.75-61.75; few good 2-3 1000-1225 lb. 54.00-58.50; good and choice 1100-1460 lb. holsteins 50.50-57.00, few standard 46.00-48.50.

SLAUGHTER HEIFERS: Choice 2-3 900-1280 lb. 55.50-59.85, couple head high choice and prime 2-4 1300-1380 lb. 61.10-62.25; good 2-3 865-1130 lb. 50.00-55.00.

COWS: Breaking utility and commercial 2-4 39.25-42.50, several 43.00-44.50; cutter and boning utility 1-3 38.50-42.25, several 42.50-44.25, couple 44.50-45.75; canner and low cutter 36.00-40.00, few 35.00-36.00.

BULLOCKS: Choice 1-3 1100-1350 lb. 52.25-56.00, couple 57.50-60.00; good 1-2 1000-1275 lb. 48.50-50.50.

BULLS: Yield grade 1 1450-2010 lb. 49.00-51.75, few 52.75-54.75; yield grade 2 1000-1550 lb. 45.50-50.00.

VEAL CALVES: Vealers fully steady. Demand good for holstein bulls to return to farm.

VEALERS: High choice and prime 285-405 lb. 102.00-109.00, couple 110.00-112.00; choice 180-320 lb. 82.00-96.00, few 96.00-99.00, few 125-155 lb. 83.00-92.00; high good and low choice 160-300 lb. 64.00-80.00, 110-160 lb. 50.00-70.00, 80-110 lb. 42.00-53.00, mainly 47.00-50.00.

RETURNED TO FARM: Bulk 95-125 lb. holstein bulls 85.00-105.00, several 107.00-112.00; several small frame 90-110 lb. 65.00-80.00.

SHEEP: Wooled lambs and slaughter ewes steady.

WOOLED LAMBS: Choice and prime 80-110 lb. 80.00-89.00, few 75-80 lb. 90.00-96.00; good to low choice 65-90 lb. 70.00-79.00.

SLAUGHTER EWES: Utility and good 27.00-40.00, few 42.00-44.00.

Lancaster County Weekly

Friday, Feb. 6
Report Supplied by PDA

	Cattle	Calves
This Week	3700	1500
Last Week	2828	1601
Last Year	2923	1444

CATTLE: Slaughter steers steady, instances 1.00 higher with some sales early part of week 1.00 to 1.50 higher; sl. heifers steady; cows .50 to 1.00 lower, instances 1.50 lower; bullocks steady; bulls closed mostly steady although small supply early sold 1.00 to 2.00 higher. Supply included 52 per cent sl. steers, 6 per cent sl. heifers, 30 per cent cows, 3 per cent bulls with the balance feeders.

SLAUGHTER STEERS: High Choice & Prime 2-4 1175-1450 lbs. 64.25-66.10, few 66.25-67.60, with about 15 head Choice & Prime 2-3 1150-1425 lbs. 67.50-68.85; Choice 2-3 few 4 1100-1475 lbs. 61.50-64.50 few 64.50-65.25; Choice 2-3 960-1100 lbs. 60.00-62.00; high Good & low Choice 2-3 1050-1350 lbs. 58.50-62.75 including around 175 head 1050-1200 lbs. return to feed at 59.50-62.60; Good 2-3 1050-1275 lbs. 54.50-58.50; Good & Choice 1100-1485 lb. holsteins 50.00-57.00, few Standard & low Good 46.00-50.00.

SLAUGHTER HEIFERS: Few high Choice & Prime 2-4 1200-1400 lbs. 60.75-63.25; Choice 2-3 950-1280 lbs. 55.50-59.85, one lot mostly Choice 2 1290-1375 lbs. 59.00-61.00; Good 2-3 865-1150 lbs. 50.00-55.00.

COWS: Breaking Utility & Commercial 2-4 39.25-42.50 several 43.00-45.00, couple high yeilding 46.50-49.00; Cutter & Boning Utility 1-3 38.50-42.50 several 42.50-44.50 few 44.50-45.75; Canner & low Cutter 35.00-40.00.

BULLOCKS: Few Choice 1-3 1100-1350 lbs. 52.25-57.00 couple 57.50-60.00; Good 1-2 1000-1275 lbs. 48.50-50.50.

BULLS: YG 1, 1350-2000 lbs. 49.00-52.75 few early part of week 53.00-57.75; YG 2, 1000-1550 lbs. 45.00-50.00 few early 50.00-51.50.

VEAL CALVES: Vealers mostly steady. Demand Good for holstein bulls to return to farm.

VEALERS: High Choice & Prime 285-405 lbs. 102.00-109.00, couple 110.00-112.00; Choice 180-320 lbs. 82.00-96.00 few 96.00-105.00, few 125-155 lbs. 83.00-92.00; high Good & low Choice 160-300 lbs. 64.00-85.00, 110-160 lbs. 50.00-70.00, 80-110 lbs 42.00-55.00 mainly 47.00-50.00, few 65-85 lbs. 35.00-45.00.

RETURNED TO FARM: Bulk 90-125 lb. holstein bulls 85.00-108.00, few 108.00-112.00; several small frame 90-115 lbs. 65.00-80.00 few 85-95 lbs. 62.00-65.00 few 100-110 lb. holstein heifers 65.00-85.00.

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AUCTIONS
MONDAY
9:00 A.M. —Slaughter Bulls, Heifers, Steers, Cows
10:00 A.M. —Goats, Veal Calves, Lambs
12 Noon —Slaughter Hogs
WEDNESDAY
8:00 A.M —Slaughter Hogs
10:00 A M. —Slaughter Bulls, Heifers, Steers, Cows
11 00 A M. —Veal Calves, Lambs
FRIDAY
11.00 A.M —Stocker and Feeder Cattle
SATURDAY
8 00 A M —Slaughter Hogs
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HOG MARKETS

New Holland Hogs

New Holland Sales Stables
New Holland, PA
Monday, Feb. 2, 1987
Report Supplied by Auction

Today	1057
Last Monday	649
Last Year	1328

TREND: Compared to last Monday; US 1-2 barrows and gilts opened fully steady, later sales mostly 2.00 higher; US 1-3 50-1.00 higher, after opening weak to 1.00 lower.

BARROWS AND GILTS: US 1-2 200-240 lb. 51.00-53.00, Few early 49.50-51.00; US 1 200-240 lb. 51.50-53.50; US 1-3 200-260 lb. 49.00-50.00, Early sales 47.00-48.50.

Vintage Hogs

Paradise, PA
Saturday, Jan. 31, 1987
Report supplied by Auction

1s and 2s, 230-280 lbs., 49.25-52.00; Sows, 320-605 lbs., 30.00-43.75; Boars, 195-895 lbs., 33.50-35.00.

Lancaster Hogs

Lancaster Stockyards
Sat., Jan. 31, 1987
Report supplied by auction

789 head. U.S. 1: 210-245 lbs., 53.75-54.25, 5 head from 55.00-55.50; U.S. 1&2: 215-245 lbs. 52.75-53.50; U.S. 1&3 220-250 lbs., 52.00-52.75; U.S. 2&4 220-265 lbs., 51.00-52.00; Sows 315-480 lbs., 40.75-46.00; Sows, 500-600 lbs., 42.00-43.50; Boars, 200-280 lbs. 42.00-42.25; Heavyweights, 32.00-42.25.

St. Louis Hogs

Thursday, Feb. 5, 1987

3000 - Barrows & gilts active, .75-1.00 higher, decreased supply of weights over 250 lb.

US 1-3 200-270 lb. 50.00-50.50, bulk 50.25-50.50; US 2-3 270-290 lb. 48.00-49.00.

SOWS: Under 500 lb. steady-.50 lower; over 500 lb. 1.00-3.00 lower, full decline on weights over 600 lb. (About 6%).

US 1-2 300-500 lb. 42.00; US 1-3 over 500 lb. 44.00-46.00.

BOARS: Over 300 lb. 43.00; under 300 lb. 40.00.

New Holland Feeder Pig

Lancaster, Pa.
Wednesday, February 4, 1987

	Feeder Pigs
TODAY	1290
LAST WED	615
LAST YEAR	1044

TREND COMPARED TO LAST WEDNESDAY FEEDER PIGS WEAK TO 10 00 LOWER, INSTANCES 20 00 LOWER ON 50-60 LB ALL PIGS WEIGHED ON ARRIVAL AND SOLD BY THE HUNDRED WEIGHT

GRADE & HEAD WEIGHT PRICE US 1-2 52 21-28 146 00-166.00, 132 30-39 126 00-136 00, 368 40-49 107 00-127 00; 215 50-59 95 00-119 00, 52 51 121 00-124 00, 176 60-69 93 00-103 00, 46 70-79 85 00-92 00; 10 82 74 00

US 2-3 28 41-49 81 00-86 00, 50 53-71 69 00-78 00

Indianapolis Hogs

Thursday, Feb. 5, 1987

650 - Barrows & gilts moderately active, steady-.50 higher, most advance on weights below 255 lbs.

US 1-3 220-255 lb. 50.00-50.50.

SOWS: Moderately active, steady with Tuesday. (6%).

US 1-3 525-575 lb. 42.00; 625-775 lb. 48.00-50.00.

BOARS: Over 300 lb. 37.00-38.00.

Peoria Hogs

Thursday, Feb. 5, 1987

2500 - Barrows and gilts moderate, mostly .50 higher.

US 1-2 200-240 lb. 50.50-51.00; US 1-3 200-240 lb. 50.00-50.50.

SOWS: Under 500 lb. steady; over 500 lb. .50-1.00 lower. (14%).

US 1-2 350-500 lb. 42.00-42.50; US 1-3 500-650 lb. 46.50-47.00.

New England Shell Eggs

Thursday, February 5, 1987

SHELL EGGS IN NEW ENGLAND PRICES WERE UNCHANGED TRADE SENTIMENT WAS GENERALLY STEADY DEMAND OF CARTONED EGGS WAS FAIR TO FAIRLY GOOD SUPPLIES WERE IN CLOSE BALANCE

PRICES PAID TO PRODUCERS FOR LOOSE BROWN EGGS AT FARM CASES EXCHANGED GRADE YIELD BASIS, CENTS PER DOZEN JUMBO EX LARGE 77 80 LARGE 62 65 MEDIUM 56-59 SMALL RANGE 23 26

BOSTON PRICES TO RETAILERS SALES TO VOLUME BUYERS CONSUMER GRADE BROWN EGGS IN CARTONS DELIVERED STORE DOOR A EXTRA LARGE A 83 86 LARGE A MEDIUM 77 80

National Egg Market

Thursday, February 5, 1987

NATIONAL EGG MARKET AT A GLANCE PRICES WERE LOWER ON MEDIUMS IN EASTERN TERMINAL MARKETS UNCHANGED ON THE LARGER SIZES TRADE SENTIMENT WAS BARELY STEADY WITH SOME CAUTIOUSNESS NOTED DEMAND FOR CARTONED EGGS HAS TAPERED SOMEWHAT FROM EARLIER IN THE WEEK AND IN SEVERAL AREAS WAS GENERALLY ONLY FAIR AT BEST SUPPLIES WERE MOSTLY ADEQUATE TO INSTANCES FULLY ADEQUATE BREAKER INTEREST WAS MIXED AS OFFERINGS INCREASED AND BID PRICES TRENDED LOWER

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GRAIN, CATTLE AND HOG FUTURES MARKETS

(Daily closing bids: Friday, Jan. 30 through Thursday, Feb. 5)

CHICAGO HOGS

	FRI.	MON.	TUES.	WED.	THURS.
FEB.	50.55	50.62	50.15	50.55	50.40
APR.	45.97	46.15	45.82	45.57	45.20
JUN.	47.82	48.05	47.82	47.60	47.00
JUL.	47.70	48.10	47.72	47.50	46.92
AUG.	44.67	45.07	44.72	44.40	43.90
OCT.	40.70	40.80	40.65	40.52	40.10
DEC.	41.15	41.35	41.30	41.32	41.00

SOYBEANS

	FRI.	MON.	TUES.	WED.	THURS.
MAR.	500¼	498¾	500	498	493
MAY	498¾	497½	499	497¼	492¾
JUL.	498½	497¼	498	496½	492¼
AUG.	496½	495¼	496½	494¾	490½
SEP.	486	485½	486½	484½	481
NOV.	483	483	484¼	482½	479
JAN. 88	489½	489¼	490½	488¾	485

CORN

	FRI.	MON.	TUES.	WED.	THURS.
MAR.	157	158¾	158½	157¾	155¼
MAY	163	164½	164½	163¾	161½
JULY	168	168¾	168¼	167½	165½
SEPT.	171½	172½	172¼	171	168¼
DEC.	176½	177½	177	175¾	172¼
MAR. 88	184	185	184	183¼	179½

SOYBEAN MEAL

	FRI.	MON.	TUES.	WED.	THURS.
MAR.	144.20	146.90	146.30	145.80	145.90
MAY	140.00	142.10	141.50	141.10	140.90
JULY	138.70	140.30	139.50	139.10	138.80
AUG.	138.30	140.00	139.40	138.80	138.30
SEPT.	138.00	139.50	139.30	138.30	137.50
OCT.	138.00	139.00	138.70	138.00	136.30
DEC.	139.00	140.00	140.20	138.70	137.40

(Turn to Page A14)

FUTURES MARKET TRENDS GRAIN AND LIVESTOCK

This market information provided by ACRES ACRES is a copyrighted market information service developed by the American Farm Bureau and available to Pennsylvania farmers on a daily basis through Pennsylvania Farmers' Association Farm Management Services, 717-761-2740

ACRES CORN UPDATE: Corn futures closed lower today as commercials and commmission house selling continued to liquidate along with renewed selling. The main support surfaces at $1.53 basis the March. This could be tested very soon due to a very weak atmosphere in the overall grain complex.

PIK Generic values remain steady at 106 to 107-1/2%.

ACRES SOYBEAN UPDATE: Soybeans closed sharply lower influenced by weaker currency futures and weaker interior basis levels. The South American crop is moving close to harvest causing the deferreds to become weaker also. Light farmer selling of beans overnight helped to stem losses. Sell stops were triggered after futures plunged through the daily trading range.

ACRES WHEAT UPDATE: Wheat futures closed lower after an inactive trading day, with future declines in the March basis pared by technical support near $2.85. Earlier losses this morning were generated by commercial and professional selling linked to news that North Yemen passed on its export bonus wheat to buy Australian wheat. Losses in nearby wheat were encouraged by computer sell-stops near $2.88.

ACRES CATTLE UPDATE: Cattle futures closed sharply lower to limit down today due to the negative Cattle Inventory report out yesterday. Renewed buying will probably surface in tomorrow's future markets. The cash market remains firm with good packer demand.

CME FEEDER CATTLE SETTLEMENT: $67.53 as of 2/03/87 + $.24

Estimated slaughter today was 123,000 to 126,000 compared to 125,000 yesterday.

ACRES HOG UPDATE: Cash hogs opened $ .50 higher and quickly turned to $1.50 higher as packers noticed daily slaughters tapering off. Daily slaughter level is very important as seasonally hogs are short this time of year. Future markets were sharply lower at midday, but buying surfaced shortly before the closing bell. Pork belly futures closed slightly higher in the February option as traders positioned for the next rally up.

Estimated slaughter today was 285,000 compared to 298,000 yesterday.

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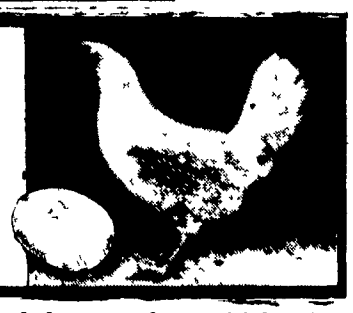
POULTRY MARKETS



Eastern PA and NJ Poultry

Wednesday, Feb. 4, 1987
Report Supplied by USDA

Market Comment: Undertone fully steady at current price levels. Processors offerings were adequate for the fair to good processor buying interest. Demand for canner packs for use in nuggets and restaurant poultry salads ranged good to excellent, other processing outlets were fair.

Prices Paid at Farm:

Light Type Hens: .12-.15, mostly .13½-14.

F.O.B. Plant: .15-.19, mostly .16-.17.

New York Multiple Drop Broiler Report

Thursday, Feb. 5, 1987
Report Supplied by USDA

Current broiler-fryer negotiated prices for immediate delivery includes mostly multiple drop shipments to New York City from Delmarva.

Range: U.S. Grade A .48-.59.

Weighted AVG.; U.S. Grade A 54.44.

Premium (X) Boxes 9,138

(X) Includes special services, selected competitive brands, etc.

National Broiler Market

Atlanta, Georgia
Thursday, February 5, 1987

NATIONAL BROILER MARKET - AT A GLANCE - FEDERAL/STATE

DEMAND FOR IMMEDIATE SHIPMENT LIGHT TO MODERATE BUT GENERALLY UNAGGRESSIVE AND CAUTIOUS UNDERTONE ABOUT STEADY TO STEADY IN THE MID-WEST AND WEST, WEAK AND UNSETTLED IN THE EAST WHERE INTEREST HAS IMPROVED FOR NEXT WEEK'S ARRIVALS OFFERINGS WERE IN CLOSE BALANCE TO FULLY ADEQUATE WITH YELLOW PRODUCT IN EXCESS OF CURRENT NEEDS RETAIL MOVEMENT FAIR AND NOT UP TO EXPECTATIONS FOR THE FIRST WEEKEND OF THE MONTH BREAST ITEMS ARE WEAK WITH LEG QUARTERS ABOUT STEADY TO STEADY AT SLIGHTLY HIGHER LEVELS IN GROWING AREAS, LIVE SUPPLIES WERE MODERATE TO HEAVY WITH WEIGHTS IN A FULL RANGE

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J.L. Farmakis, Inc.
Phone 203-966-1746

Heinsey's Poultry Report

Root's, East Petersburg
Tuesday, Feb. 3, 1987
Report supplied by auction

Muscovy Ducks, Drakes: range .80-1.04 per lb.

Muscovy Ducks, Hens: range .66-.82 per lb.

Pekin Ducks: range .40-.56 per lb.

Pullets: 5-7 lbs. range .48-.54 per lb.

Red Fowl: 4-4½ lbs. range .19-.30 per lb.

Red Fowl: 5-6 lbs. range .30-.54 per lb.

Crossbred Fowl: 5-9 lbs. range .30-.54 per lb.

Crossbred Roosters: 4-6 lbs. range .30-.72 per lb.

Crossbred Roosters: 7-12 lbs. range .30-.58 per lb.

Guinea Fowl: range 1.35-1.65 per lb.

Banty Roosters: range 2.00-4.75 ea.

Banty Hens: range .75-1.75 ea.

Leghorn Hens: range .20-.30 per lb.

Leghorn Roosters: range .20-.30 per lb.

Geese: 9-15 lbs. range .19-.50 per lb.

Pigeons: range 1.25-1.60 ea.

White Pigeons: range 3.35-3.75 ea.

Silkies: range 2.50-3.50 ea.

Doves: range 2.50-3.50.

Chukars: range 4.25-4.60 ea.

Rabbits: 4-6 lbs. range .70-.94 per lb.

Rabbits: 7-11 lbs. range .50-.64 per lb.

Bunnies: .75-1.50 ea.

Guinea Pigs: range .10-4.50 ea.

Goats: range 25.00-30.00 ea.

Total Number of Coops: 784.

New York And Philadelphia Frozen Egg Report

Tuesday, February 3, 1987

TRADING ACTIVITY WAS ON THE LIGHT SIDE BUYERS GENERALLY TOOK A WAIT AND SEE POSITION WHILE PROCESSORS CONTINUED TO WORK ON PREVIOUS COMMITMENTS. FLOOR STOCKS WERE USUALLY SUFFICIENT TO EASILY COVER CURRENT INQUIRY.

WHOLESALE SELING PRICES (PER POUND IN 30 LB. CONTAINERS) U.S.D.A. INSPECTED

CLASS TRUCKLOTS LTL (MIN. 25 CONT.) WHOLE 47-49 MOS 47-48 50-57; BLENDS (/) - 56-66; WHITES 38-40 38-39 41-46; YOLKS (MIN. 43 PCT SOLIDS); SUGARED 62-66 MOS 63-64 67-75, SALTED 57-59 MOS 57-58.

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N.E. Weekly Shell Egg Report

Tuesday, Feb. 3
Report Supplied by USDA

Prices paid per dozen Grade "A" Brown eggs in cartons delivered to retail stores:

	Ex. Large	Large	Medium	Small
N. HAMP.	.88-.92	.82-.86	.77-.81	.49-.53
Mostly	.90-.91	.84-.85	.79-.81	.51-.52
R.I.	.91-.95	.85-.89	.80-.84	.52-.56
Mostly	.91	.85	.80	.52
VERMONT	.95-.99	.89-.95	.79-.92	
Mostly	.95	.89	.84	
MAINE	.95-1.02	.89-.96	.84-.91	.56-.62

Weekly New York Egg Market Northeast Quotes

From Friday Jan. 30 to Thursday, Feb. 5

	Fri.	Mon.	Tues.	Wed.	Thurs.
WHITE					
Jumbo	.77	.77	.77	.77	.77
Ex. Large	.73	.73	.73	.73	.73
Large	.70	.70	.70	.70	.70
Medium	.66	.66	.66	.65	.63
Pullets	.56	.56	.55	.53	.52
Off Grade	.59	.59	.59	.59	.59
BROWN					
Ex. Large	.93	.93	.93	.93	.93
Large	.88	.88	.88	.88	.88
Mediums	.72	.72	.72	.72	.71
OFF GRADE					
Undergrades	.38	.38	.38	.38	.38
Checks	.36	.36	.36	.36	.36

Breaking Stocks: Friday 48-50 lbs. 43.00-45.00; 50 lbs. up Friday 45.00-46.00.

Delmarva Poultry

Thursday, Feb. 5, 1987

Market Comment: Demand for ready to cook whole birds was slow to fair. Offerings were irregular from plant to plant but in total ample for current buyer interest. Supplies in the parts complex were in good balance to tight on wings. Other items ranged at least adequate and were competitively priced in an effort to enhance demand. Less than trucklot asking prices were unchanged to 3 cents lower at 48-56 cents, and several sellers noted product are still available. Live supplies were at least moderate. Weights remained in a spread of desirable to heavier than desired. Slaughter schedules were moderately heavy, and some operations have been set for Saturday. The undertone was barely steady to weak.

Estimated slaughter of broiler fryers in Delmarva:

Estimated 2/5 2,015,000; Actual 1/29 1,824,000.

Actual 2/3 2,008,000.

Average Weights 2/3 4.65, 1/27 4.96.

Delmarva Broiler Fryer Market

Thursday, February 5, 1987

DEMAND FOR READY-TO-COOK WHOLE BIRDS WAS SLOW TO FAIR OFFERINGS WERE IRREGULAR FROM PLANT TO PLANT BUT IN TOTAL AMPLE FOR CURRENT BUYER INTEREST SUPPLIES IN THE PARTS COMPLEX WERE IN GOOD BALANCE TO TIGHT ON WINGS OTHER ITEMS RANGED AT LEAST ADEQUATE AND WERE COMPETITIVELY PRICED IN AN EFFORT TO ENHANCE DEMAND LESS THAN TRUCKLOT ASKING PRICES WERE UNCHANGED TO 3 CENTS LOWER AT 48-56 CENTS AND SEVERAL SELLERS NOTED PRODUCT AS STILL AVAILABLE. LIVE SUPPLIES WERE AT LEAST MODERATE WEIGHTS REMAINED IN A SPREAD OF DESIRABLE TO HEAVIER THAN DESIRED. SLAUGHTER SCHEDULES WERE MODERATELY HEAVY AND SOME OPERATIONS HAVE BEEN SET FOR SATURDAY. THE UNDERTONE WAS BARELY STEADY TO WEAK

ESTIMATED SLAUGHTER OF BROILER/FRYERS IN DELMARVA (000)

ESTIMATED ACTUAL ACTUAL AVERAGE WEIGHTS 2/5 1/29 2/3 2/3 1/27 2015 1824 2008 4 65 4 96

Northeast Chicken Parts

Thursday, Feb. 5, 1987

Comment: Trading activity was light to occasionally fair, and buyers were very selective in their purchases. Cutlets were ample at current price levels, and some discounting still persisted. Line-one breasts were also ample, and most sellers did not hesitate to book at 75 cents. Rib breasts were still a struggle with several plants willing to take line-one prices on grade A product in an effort to keep product clearing. Legs and leg quarters were at least fully adequate and overall their availability has increased. Wings were in good to close balance, and a fairly active call was noted in many quarters.

Breasts, skinned, boneless 1.80-1.85.

Rib-on-breasts .84-.86.

Line one breasts .75.

Legs .42-.43.

Leg quarters .32-.33.

Wings .44-.45.

Backs and necks .11-.12.

Livers .15.

Gizzards (hearts) .25.

Today's negotiated sales as of 11:30 a.m. prices paid per pound on ice packed part delivered in pool trucklot and trucklot quantities.

Philadelphia Eggs

Thursday, February 5, 1987

PRICES WERE UNCHANGED ON EX-LARGE AND LARGE, UNCHANGED TO LOWER ON MEDIUMS TRADE SENTIMENT WAS ABOUT STEADY CARTONED EGG MOVEMENT WAS GENERALLY MODERATE TO INSTANCES GOOD SUPPLIES OF EX-LARGE AND LARGE WERE USUALLY FULLY ADEQUATE, WHILE MEDIUMS WERE FULLY ADEQUATE TO INSTANCES AMPLE.

PRICES TO RETAILERS SALES TO VOLUME BUYERS, CONSUMER GRADE WHITE EGGS IN CARTONS DELIVERED STORE DOOR

A EXTRA LARGE A LARGE A MEDIUM 66-68 64-66 57-61

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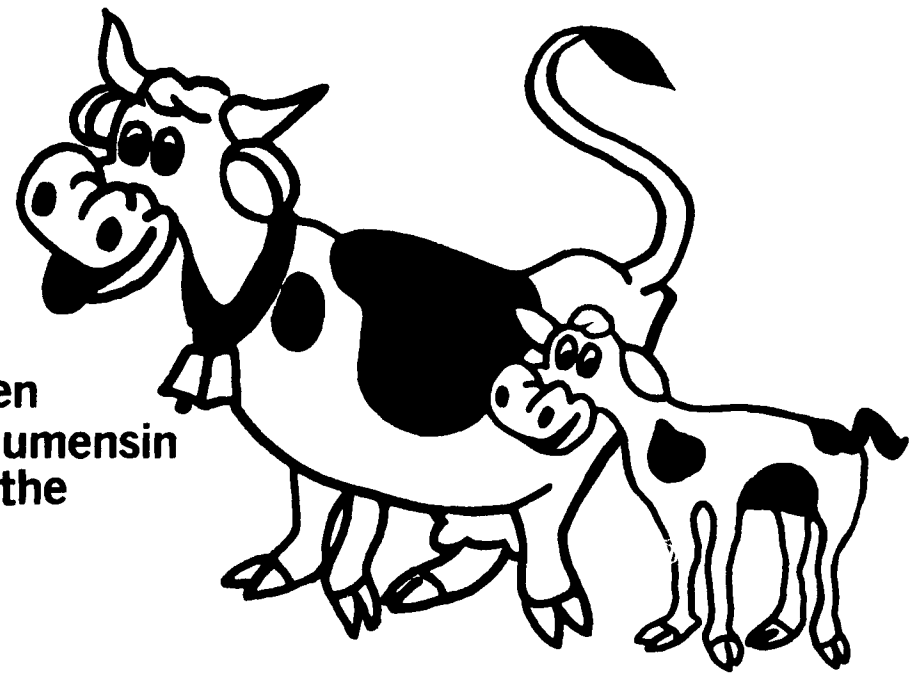

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5 FREE WITH 40
Get Five 50 lb. Bags of #545 Heifer Grower Concentrate FREE When You Buy 40 Bags of #545

MEETING LOCATIONS

Tues., Feb. 10	Harvest Drive Restaurant, Intercourse, Pa.
Thurs., Feb 12	Grange Hall, Lamar, Pa. Clintondale Mills
Tues., Feb. 17	Chilcoat's Restaurant, Rt. 220, East Freedom, Pa.
Wed., Feb. 18	Red Rose Inn, West Grove, Pa. Chester Co.
Thurs., Feb. 19	Kountry Kitchen, Rt. 40, Elmer, N.J.
Fri., Feb. 20	Willow Valley Restaurant, Rt. 222 South of Lancaster, Pa.
Thurs., Feb. 26	Sportsmen's Club, Loganton, Pa. Clintondale Mills

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HAY MARKETS

Pa Grain Market Summary

Monday, February 2, 1987
Report Supplied by PDA

COMPARED WITH LAST TUESDAY'S MARKET FOR SOUTHEASTERN, CENTRAL AND SOUTH CENTRAL PA.: Corn steady to .5 lower; Wheat unevenly steady; Barley and Ear Corn steady to strong; Oats steady to .10, instances .25 higher; Soybeans steady to .10 higher.

SOUTHEASTERN PENNSYLVANIA: Corn No. 2-y range 1.65-1.90, average 1.77, *Contract For Harvest 1.75-1.89; @ Wheat No. 2 range 2.68-3.13, average 2.93, *Contract For Harvest 2.50-2.70; Barley No. 3 range 1.30-1.55, few reported *1.65, average 1.49; *Contract For Harvest 1.20-1.30; Oats No. 2 range 1.50-1.85, average 1.66, *Contract For Harvest 1.30; Soybeans No. 1 range 1.70; average 1.70; #Ear Corn range 45.00-65.00; average 51.10.

CENTRAL PENNSYLVANIA: Corn No. 2-y range 1.70-1.90, average 1.79; @ Wheat No. 2 range 2.30-3.00, average 2.61; Barley No. 3 range 1.25-1.45; average 1.35; Oats No. 2 range 1.20-1.75; average 1.43; Soybeans No. 1 range 4.40-4.75, average 4.63; *Gr. Sorghum #2 range 1.50, average 1.50; #Ear Corn range 45.00-50.00, average 47.60.

SOUTH CENTRAL PENNSYLVANIA: Corn No. 2-y range 1.70-1.95, average 1.78; @ Wheat No. 2 range 2.30-2.50, few reported *2.70, average 2.45; Barley No. 3 range 1.20-1.65, average 1.43; Oats No. 2 range 1.50-1.75, average 1.64; #Ear Corn range 49.00-65.00, average 57.43.

WESTERN PENNSYLVANIA: Corn No. 2-y range 1.63-1.90, few reported* 1.40, average 1.78; @ Wheat No. 2 range 2.10-2.40, average 2.27; Oats No. 2 range 1.25-1.65, few reported *1.00, average 1.34; #Ear Corn range 40.00-54.00, average 46.00.

SOUTHEASTERN, CENTRAL & SOUTH CENTRAL SUMMARY: Corn No. 2-y range 1.70-1.90, average 1.78; ¼Wheat No. 2-y range 2.30-3.13, average 2.70; Barley No. 3 range 1.25-1.65, average 1.43; Oats No. 2 range 1.25-1.85, average 1.55; Soybeans No. 1 range 4.60-5.00, average 4.75; #Ear Corn range 45.00-65.00, average 51.43.

MONTH AGO: Corn No. 2-y range 1.79; @ Wheat No. 2-y range 2.65; Barley No. 3 range 1.39; Oats No. 2 range 1.33; Soybeans No. 1 range 4.67; #Ear Corn range 46.04.

YEAR AGO: Corn No. 2-y range 2.54, @ Wheat No. 2-y range 3.05; Barley No. 3 range 1.71; Oats No. 2 range 1.20; Soybeans No. 1 range 4.94; #Ear Corn range 62.62.

@ Light garlicky & better; **44% Protein Bulk; *Few Reported; UC unchanged; #Average Moisture; +Per Hundredweight Recleaned 15%; M Mostly.

Regional Hay Summary

Monday, February 2,1987
Report Supplied by PDA

HAY & STRAW MARKET FOR Summary of Lancaster Summary of Central PA EASTERN PA – (All Hay Co. Hay Auctions Hay Auctions No.2 and better prices paid by dealers at the farm and per ton.) Hay and Straw unevenly steady.

Alfalfa 90.00-120.00; Mixed Hay 80.00-100.00; Timothy 75.00-100.00; Straw 70.00-85.00, few 95.00; Mulch 30.00-50.00.

Summary of Lancaster Co. Hay Auctions For week ending 1/30 PRICES PER TON: LOADS: 205 Hay, 73 Straw, and 8 Ear Corn.

Alfalfa 94.00-153.00; Mixed Hay 82.00-142.00; Timothy 100.00-136.00; Straw 98.00-150.00; Ear Corn 61.00-72.00.

Summary of Central PA Hay Auctions For week ending 1/30 PRICES PER TON: LOADS: 160 Hay, 33 Straw, and 6 Ear Corn.

Alfalfa 87.00-137.50; Mixed Hay 69.00-117.50; Timothy 66.00-98.00; Straw 167.50-112.50; Mulch 62.50-72.50.

New Holland Hay

New Holland, PA
Monday, Feb. 2
Report Supplied by Auction

222 loads.

Alfalfa, 94.00-172.00; Mixed Hay, 88.00-154.00; Timothy, 90.00-156.00; Grass, 65.00-134.00; Orchard Grass, 100.00-108.00; Straw, 102.00-144.00; Ear Corn, 54.00-72.00; Corn Fodder, 110.00; Oats, 1.85-2.20 bu.

Belleville Hay

Wednesday, Feb. 4
Belleville, PA
Report Supplied by Auction

56 loads Hay, Alfalfa, 97.50-140.00; Mixed Hay, 65.00-92.50; Timothy, 75.00-92.50.

15 loads Straw, 67.50-87.50; 3 loads Oats, 1.60-1.95 bu.; Ear Corn, 67.50; Corn Fodder, 62.50.

King's Hay

Kirkwood, Pa.
Tuesday, Feb. 3, 1987
Report supplied by Auction

64 loads. Alfalfa 100.00-162.00, mostly 124.00-152.00, one load at 201.00; one load wet round bales 50.00; alfalfa mixed 114.00-160.00; mixed hay 100.00-137.00; timothy & timothy mixed 123.00-134.00; clover & clover mixed 101.00-111.00; grass mixed 101.00.

17 loads straw 113.00-132.00.

2 loads wood 46.00 & 60.00.

Good's Hay

Leola, Pa.
Wednesday, Feb. 4, 1987
Report Supplied by Auction

249 loads.

Alfalfa, 81.00-155.00; Timothy, 94.00-138.00; Mixed Hay, 65.00-143.00; Straw, 80.00-128.00; Corn, 53.00-71.00.

Grass, 100.00-125.00; Orchard Grass, 102.50; Oats, 1.50-2.10 bu.; Bean Stubble, 86.00; Oat Stubble, 82.00.

48% Soybean Meal, $211.80
Distillers Grains, $156.50
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SATURDAY HAY SALE CANCELED.
Next Hay Sale
Monday, February 9, 7 p.m.
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Auction - 7 00 p m - ?
Buyers - Livestock Producers - Farmers
We Need & Appreciate Your Patronage
Stan & Mary Nagle - Owners
Home Phone: (215) 566-3239

NEW HOLLAND SALES STABLES, INC. - THE ACTION AUCTION

MONDAY
FAT HOGS
EARLY BIRD HOG SALE
7:30 AM
For Your Protection Your Hogs Must Be Identified
10:00 AM
HORSES MULES
11:00 AM
HAY
STRAW
GRAIN
1:30 PM
BEEF SALE
CALF, SHEEP, GOATS

WEDNESDAY
11:00 A.M.
DAIRY COWS
HEIFERS, BULLS
NEW HOLLAND SALES STABLES, Inc.
12 Miles East of Lancaster
on Route 23, New Holland, Penna
The Action Auction
717-354-4341
Mgr - Abe Diffenbach - 717-393-4464
Norman Kolb - 717-397-5538
Field Representatives
Alan Diffenbach 717-656-9806
Luke Eberly 215-267-6608 - 738-1865
WEDNESDAY - 1:30 P.M.
FEEDER PIG SALE
We endeavor to keep our barns cleaner than yours. State graded until 12 Noon

THURSDAY
10:00 AM
BULLS -
STEERS - BEEF COWS
2:30 P.M.
CALVES
SHEEP
GOATS

Market your livestock thru New Holland Sales, your neighbor does
Pick-up your check before you leave

Westminster Hay

Hagerstown, Md.
Tuesday, Feb. 3, 1987

37 loads.

Alfalfa: Fancy 130.00-152.00; Good 110.00-125.00.

Alfalfa/Timothy: 122.00-135.00.

Alfalfa/Grass: 117.00-128.00.

Timothy: 100.00-126.00.

Timothy/Clover: Fancy 149.00; Good 103.00.

Mixed: 103.00-152.50.

Grass: 100.00-157.50.

Straw: Wheat 102.00-110.00; Barley and Oats 95.00.

Firewood: 49.00/Cord.

Sale every Tuesday, 12:30.

Vintage Hay

Paradise, Pa.
Thursday, Feb. 5, 1987
Report Supplied by Auction

45 loads.

Alfalfa, 102.50-182.50; Mixed Hay, 102.50-130.00; Timothy, 115.00-123.00; Timothy Mix, 97.50-119.00; Wheat Straw, 112.50-130.00; Straw, 95.00-132.50; Corn Fodder, 87.50.

Green Dragon Hay

Ephrata, Pa.
Friday, Jan. 30, 1987
Report Supplied by Auction

80 loads.

Mixed Hay, 86.00-170.00; Alfalfa, 72.00-141.00; Timothy, 105.00-149.00; Orchard Grass, 118.00; Straw, 134.00-171.00; Corn Fodder, 91.00; Corn, 61.00-72.00; Soybean Stalks, 80.00; Coal, 3 ton at 85.00 per ton.

Oats, 126 bu. at 1.95 bu.

Keister's Hay

Middleburg, PA
Tuesday, Feb. 3
Report supplied by auction

40 loads Hay. Alfalfa, 107.50-140.00; Mixed Hay, 77.50-140.00; Mulch, 45.00-57.50; 15 loads Straw, 100.00-112.50; 5 loads Ear Corn, 56.00-65.00; Oats, 2 at 1.70-1.80 bu.

12 loads Fireplace Wood, 35.00-70.00 ld.

Chambersburg Hay

Chambersburg, PA
Thursday, Feb. 5, 1987
Report Supplied by Auction

25 loads Hay. Alfalfa, 106.00-127.00; Mixed Hay, 88.00-125.00; 4 loads Straw, 82.00-86.00; Oats, 2.05 bu.

Dewart Hay

Dewart, PA.
Monday, Feb. 2, 1987
Report Supplied by Auction

26 loads Hay, 62.00-120.00; 2 loads Straw, 89.00 ea.; 16 loads Wood, 31.00-66.00 ld; Corn, 65.00.

Four States Hay

Hagerstown, Md.
Wednesday, Feb. 4, 1987
Report supplied by auction

Alfalfa: 132.00.

Timothy: 111.00-114.00; Mixed 84.00-116.00; Straw 82.00-90.0.

Hay Sale every Wednesday, 11 a.m.

Leinbach's Hay

Shippensburg, PA
Jan. 31 & Feb. 3, 1987
Report supplied by Auction

91 loads.

Alfalfa, 77.00-157.50; Mixed Hay, 66.00-121.00; Timothy, 72.00-110.00; Clover, 90.00-96.00; Orchard Grass, 65.00-102.50; Straw, 73.00-105.00; Firewood, 30.00-36.00 pick-up load.

National Grain Summary

Wednesday, February 4, 1987

MARKETS MIXED WITH A PICK UP IN EXPORT DEMAND BUT WITH A DULL DOMESTIC MARKET OFFSETTING THE UPWARD PULL OF THE EXPORT ACTIVITY WHICH WAS CAUSED BY A WEAK U S DOLLAR MARKET SAUDI ARABIA BOUGHT 203,000 METIC TONS OF U S BARLEY FOR DELIVERY DURING THE 1986-87 MARKETING YEAR MEXICO BOUGHT 150,000 TONS U S CORN FOR MARCH DELIVERY PORTLAND BOUGHT 25,000 TONS U S DURUM WHEAT FOR APRIL-AUGUST SHIPMENT JAPAN BOUGHT 38,000 TONS U S DARK NORTHERN SPRING WHEAT FOR APRIL SHIPMENT

DATE CHANGE YEAR AGO WHEAT ** 2/4/87 2/5/86

KANSAS CITY 2 76-2 77 UNCH 1 3 26-3 30 MINNEAPOLIS 3 17 1/4 + 6 1/4 3 86 1/2 PORTLAND 3 01 3 07 UNCH + 2 3 68-3 73 ST LOUIS 3 05-3 11 UNCH + 1 3 37-3 41

CORN, U S NO 2 YELLOW KANSAS CITY 1 59-1 60 UNCH - 1 2 42-2 43 MINNEAPOLIS 1 43 3/4 - 3/4 2 30 SO IOWA 1 40-1 56 - 1 - 3 2 4 i4-2 46 OMAHA 1 47 UNCH - 1 2 34-2 35

SOYBEANS, NO 1 YELLOW KANSAS CITY 4 79-4 85 1 5 33 MINNEAPOLIS 4 80 2 5 29 1/2 SO IOWA 4 71-4 88 UNCH - 7 5 35-5 41 C ILL PROCESSORS 4 93-5 00 - 1 - 2 5 38 1/2-5 47 1/2

KANSAS CITY, U S NO 1 HARD RED WINTER WHEAT, ORDINARY PROTEIN, MINNEAPOLIS, U S NO 1 DARK NORTHERN SPRING WHEAT, 14% PROTEIN PORTLAND NO 1 SOFT WHITE WHEAT, AND ST LOUIS, NO 2 SOFT RED WINTER WHEAT

GRAIN FUTURES CLOSE

KANSAS CITY WHEAT 2 67 1/4 + 1 1/2 3 15 3/4

MINNEAPOLIS WHEAT 2 79 1/4 + 3 1/4 3 38 1/2

CHICAGO WHEAT 2 89 1/2 + 1 1/4 3 26 1/2

CORN 1 57 3/4 3/4 2 45

SOYBEANS 4 98 - 2 5 35 1/4

EXPORT PRICES BARGE OR RAIL, GULF DELIVERY

NO 1 HARD RED WINTER WHEAT ORDINARY PROTEIN 3 05 1/4 + 1 1/2 NO 1 SOFT RED WITNER WHEAT 3 20-3 26 1/4 + 1 + 2 NO 2 YELLOW CORN 1 75 3/4-1 78 UNCH 1/4 NO 2 YELLOW SORGHUM 3 13-3 18 UNCH + 1 NO 2 YELLOW SOYBEANS 5 15 1/4-5 17 2 2 3/4

Frederick Co. Hay

Buckeystown, Md.
Thursday, Feb. 5, 1987
Report Supplied by Auction

93 loads.

Alfalfa, 5 fancy, 150.00-165.00, 17 good, 125.00-147.00; Alfalfa Mix, 9 at 120.00-142.00; Timothy, 5 fancy, 130.00-142.00; 10 good, 86.00-122.00; Mixed Hay, 6 good, 120.00-130.00, 9 fair, 111.00-117.00; 2nd cutting Mixed Hay, 3 fancy, 125.00-147.00, 4 good, 102.00-120.00; Grass Hay, 102.50; Straw, 9 good, 97.00-111.00, 6 fair, 85.00-93.00; Wood, 3 good, 72.00-86.00, 6 fair, 62.00-68.00.

Indiana Livestock

Homer City, Pa.
Thursday, February 5
Report supplied by PDA

CATTLE: 167. Choice steers 58.00-63.00; Good 53.50-58.00; Few Standard 47.75-53.50; Choice heifers 55.00-60.75; Good 50.50-54.50; few Standard 43.75-48.00; Breaking Utility & Commercial cows 40.50-43.25; Cutter & Boning 38.00-42.75; Canner & Cutter 32.50-38.50; few Standard bullocks 47.00-47.50; few Utility 40.00-46.00; few YG No. 1 bulls 1260-1695 lb. 45.00-49.00.

FEEDER CATTLE: Few Large No. 2 heifers 610-840 lb. holsteins 36.50-45.00; Med. No. 1-2, 400-630 lb. bulls 50.00-56.50.

CALVES: 83. Couple Choice 88.00 and 96.00; few Good 65.00-74.00; 90-120 lb. 52.00-60.00; 60-85 lb. 42.00-56.50; hol. bulls 90-130 lb. 69.00-94.00.

HOGS: 125. No. 1-2, 230-245 lb. 50.75-51.00; No. 1-3, 210-245 lb. 49.50-50.75; No. 2-3, 220-245 lb. 48.00-49.75; few No. 1-3, 205-210 lb. 48.50-49.00; sows No. 1-3, 400-675 lb. 42.00-45.50.

SHEEP: 30. Lot High Choice & Prime 90 lb. 81.00; lot Choice 64 lb. 85.00; few 75-100 lb. 74.00-76.00; lot Good & Choice 98 lb. 66.50.

Indianapolis Cattle Weekly

Thursday, January 29, 1987

WEEKLY 51 CATTLE COMPARED TO LAST WEEK, SLAUGHTER STEERS & HEIFERS 50-1 00 HIGHER WITH GOOD DEMAND COWS 3 50-4 00, INSTANCES 5 00 HIGHER BULLS 3 50-4 00 HIGHER FEEDERS A HIGHER UNDERTONE NOTED IN A LIGHT TEST WITH GOOD DEMAND SUPPLY GOOD & CHOICE SLAUGHTER STEERS, 22% HEIFERS, 19% COWS & 150 FEEDERS RECEIPTS 1,500 COMPARED TO 1,300 LAST WEEK AND 1,300 LAST YEAR

SLAUGHTER STEERS CHOICE 2-4, 1025-1400 LBS 59 00-61 50, MONDAY DOWN TO 58 00 4 BIXED GOOD & CHOICE 2-4, 925-1325 LBS 56 50-59 75, MONDAY DOWN TO 55 50 GOOD 1-3, 1000-1500 LBS 55 50-57 50 HOLSTEINS PACKAGE CHOICE 3, 1225 LBS 55 75 MIXED GOOD & CHOICE 2-3, 1225-1400 LBS 53 25-54 25 GOOD 2-3, 1150-1650 LBS 47 75-51 75

SLAUGHTER HEIFERS CHOICE 2-4, 900-1200 LBS 57 50-59 00, MONDAY DOWN TO 57 00 MIXED GOOD & kHQICE 2-4, 825-1250 LBS 54 75-58 00 GOOD 2-3, 900- 1125 LBS 52 25-55 25

SLAUGHTER COWS BREAKING UTILITY & COMMERCIAL 2-4, 40 00-45 00, HIGH

SLAUGHTER BULLS YIELD GRADE 1 2, 1050-3000 LBS 49 00-55 75

FEEDER STEERS MEDIUM FRAME 1, 725-850 LBS 55 75-59 75 SMALL FRAME 1, PACKAGE 550 LBS 64 00, 600-900 LBS 55 50-59 25 MEDIUM & LARGE FRAME 1, PACKAGE 450 LBS 63 00 MEDIUM FRAME 1-2, LOT 525 LBS 62 75 HOLSTEINS LARGE FRAME 2, PACKAGE 350 LBS 55 00

FEEDER HEIFERS MEDIUM FRAME 1, 400-735 LBS 53 50-57 00 LARGE FRAME 1, 475-650 LBS 57 50-58 00 SMALL & MEDIUM FRAME 1, LOT 650 LBS 57 00 SMALL & MEDIUM FRAME 1-2, 625-675 LBS 52 00-53 50

MANURE FOR SALE

20 to 25 Ton Trailer Loads

$8 per ton delivered within 15 mile radius.

CONTACT

VINTAGE SALES STABLES, INC.

Box 100, Paradise, PA 17562

717-442-4181 or
717-768-8204 - office
717-442-4294 - home

L. Robert Frame, Sr.
President
Glenn S. Frame
Manager

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Feature	Benefits
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* 2 full time pullet service people	Insures that pullet growing program is followed resulting in birds that perform
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THE OLD FARMER'S ALMANAC

FEB. 9-15, 1987

By now you're used to winter's abuse.

Abraham Lincoln born in Hardin Co Ky, Feb 12 1809 National Association for the Advancement of Colored People established Feb 12, 1909 Average length of days for the week 10 hours 27 minutes Boston Latin School founded Feb 13 1635 Full moon Feb 13 (Fri) St Valentines Day Feb 14 *Lovers travelers and poets will all give money to be heard*

Ask the Old Farmer. When I was a child we had a product that was used to fill scratches on wooden surfaces A putty knife was heated then touched to this object which looked like a caramel stick Can you tell me if it is still available? PB Escoheag RI

What you're talking about is stick shellac which comes in different colors for different woods You can use a soldering iron to melt it into a scratch or use a knife as you describe Woodcraft supply stores usually still carry it

Home Hints Lightly sandpaper the soles of new shoes to make them less slippery

OLD FARMER'S WEATHER FORECAST

New England: Week begins clear and cold midweek turning cold with light snow end of week snowstorm

Greater New York-New Jersey: Week begins sunny and mild, midweek cloudy and cold end of week snowstorm

Middle Atlantic Coastal: Week begins sunny and warm midweek cloudy and cold end of week showers possible with cold temperatures

Southwest Desert: Week begins sunny and pleasant, midweek rainy, end of week clear and cold

Pacific Northwest: Week begins with rain, midweek clear and mild, end of week rain, sunny north

California: Beginning of week clear and warm, midweek rainy and cold, end of week sunny and mild

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Carlisle Livestock

Carlisle, Pa.
Tuesday, Feb. 3, 1987
Report Supplied by Auction

CATTLE: Steers: Strong demand! Fully Steady. Low Choice 59.50-61.50; Good 54.00-59.00; Medium 47.50-53.50; Good & Choice Holsteins 51.00-54.25; Medium Holsteins 42.50-47.50. Heifers: Very Active! 2.00 Higher. Choice 60.00-63.00; Medium 46.75-50.00; Good 52.50-57.75; Holsteins to 57.50. Cows: Strong Demand! 1.00 Higher On Good Run. High Yield 44.00-47.00; Good 40.00-43.85; Big Middle 37.00-42.60; Shelly 36.00 & Down. FAT Bulls: 1.00 Higher On Good Run. Good 49.50-53.50; Medium 42.00-48.00.

FEEDER CATTLE: Feeder Steers (400-750 lb.) Demand Stronger! Choice 60.00-67.00; Medium 51.00-54.00; Good 55.00-59.00. Feeder Bulls (all weights) Very Active. Choice 64.00-75.00; Medium 48.00-54.00; Good 55.50-59.00. Feeder Heifers (all weights) Active 1.00 Higher. Choice 51.00-55.50; Medium 43.00-46.00; Good 47.00-50.00.

VEAL CALVES: Choice 80.00-101.00; Medium 50.00-64.00; Farm Bulls 80.00-106.00; Good 65.00-79.00; Light 45.00-49.00, Weak 44.00 & Down; Farm Heifers To 82.00.

HOGS: Barrows & Gilts 1.00 Higher on Good Run. (US No. 1-3) 210-250 lbs. 50.25-52.25; 2&3's (all weights) 42.25-48.00.

SOWS: Heavy 1.00 higher, Light 4.00 lower. Over 450 lb. 42.25-44.25; under 450 41.50-45.00; 2&3's 35.25-40.00. Boars 30.00-35.00.

FEEDER PIGS (by the hd.) (15-20 lbs. 18.00-21.00); (30-35 lbs. 39.00-44.00); (40-55 lbs. 49.00-51.00); (60-80 lbs. 52.00-59.00).

SHEEP: Lambs: Strong Demand! 2.00 to 4.00 higher. Choice 93.00-99.00; Good 75.00-89.00; Medium 62.00-73.00. EWES: Mostly 32.00-34.00; Goats: (Lg) 50.00-60.00.

Sale every Tuesday evening beginning at 6:00 p.m. Pig Sale Fri. Feb. 13 1:30 p.m.

Next State Graded Feeder Pig Sale will be on Friday, Feb. 13th 1:30 p.m. (Grading 7:30 until 11:30 a.m.).

The First Special Spring Feeder Cattle sale will be on Tuesday, March 17th 7:00 p.m. If you have cattle for this sale we will be glad to advertise them for you in this report. Please let us know by the first of March.

Other Special Feeder Cattle Sales will be held on Tuesday, March 31, April 14, April 28 and May 12th. All these sales begin at 7:00 p.m.

The Easter Lamb & Goat sale will be held on Friday, April 10th at 12:30 P.M. Rabbits and Poultry sale starts at 10:00 A.M. Gates open at 8:00 A.M.

Penns Valley Livestock

Centre Hall, Pa.
Tuesday, Feb. 3
Report supplied by Auction

Beef Cows: Utility and Commercial 40.50-45.25; Cutters 37.50-39.75: Canners 34.00-36.75; Shells 31.25.

Heifers: Commercial 45.00-49.50.

Steers: Standard 42.50-51.00.

Bulls: Standard 44.50-46.50.

Feeder Cattle: 300-500 lbs. large frame 50.00-62.00; 300-500 lbs. small frame 44.00-53.00; 500-700 lbs. large frame 50.00-56.00; 500-700 lbs. small frame 45.00-50.00.

Veal Calves: Choice 78.00-91.00; Good 60.00-74.00; Standard 50.00-57.00; Utility 41.00-49.00.

Farm Calves: Bulls 85.00-110.00; Heifers 60.00-70.00.

Hogs: 51.00-53.50.

Sows: 42.50-43.75.

Boars: 35.25-37.00.

Shoats: 25-30 lbs. per head 17.00-24.00; 30-35 lbs. per head 25.00-32.00; 35-50 lbs. per head 33.00-40.00.

ATTENTION
CATTLE PRODUCERS:

On Feb. 4, 1987 you could have guaranteed over $60.00/cwt. for June delivery.

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If so, why speculate?!!

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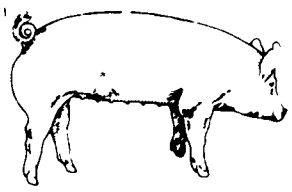

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SALE EVERY FRIDAY

Lots of good Northern Feeder & Stockers. Slaughter Cows - Bull Steer, Veal-lamb.

11:00 A.M.-Beef Sale 200-300 each week.
1:00 P.M.-Dairy Sale.
7:00 P.M.-Small Animal Sale.

For Special Sales and Herd Dispersals on farm or at our barn or other market information call: Office 717-733-2444, Home 717-838-4318.

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ATTENTION TOBACCO FARMERS!!

PARADISE TOBACCO SALES

Sale Times To Continue Each Tuesday at 1:00 P.M.
Next Sale - Tuesday, Feb. 10 - 1 P.M.
Sales to Continue Each Tuesday Thereafter At 1 P.M.

Receiving Tobacco Monday thru Fridays
7 a.m. to 5 p.m.

We strongly recommend that you farmers attend tobacco sales so that you can better judge what the market is doing. It's important for you to take time to market your tobacco after all the time you took to produce it.

For update on market, feel free to call, we will answer your questions the best we can.

Member: Keystone Tobacco Marketing Group
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AY-000024-L

PARADISE TOBACCO SALES
Paradise, PA 17562

Livestock market and auction news

Virginia Cattle

Richmond, Virginia
Northern, Va.
Thurs., Jan. 29 to
Wed., Feb. 4, 1987
Report Supplied by USDA

Head Count: 2,433
Trend: Steady to 4.00 higher.

STEERS: Medium 1 300-500 lbs. 63.00-76.00; 500-700 lbs. 56.75-67.00; 700-1000 lbs. 52.75-63.50. Large 1 300-500 lbs. 71.00; 500-700 lbs. 65.00; 700-1000 lbs. 54.00-64.00. Small 1 300-500 lbs. 64.00-74.00; 500-700 lbs. 58.00.

HEIFERS: Medium 1 300-500 lbs. 54.50-62.50; 500-700 lbs. 54.00-61.00; 700-900 lbs. 52.00-59.50. Large 1 300-500 lbs. 60.00-62.00; 500-700 lbs. 59.00-61.50. Small 1 300-500 lbs. 51.00-52.00; 500-700 lbs. 50.00-51.00.

South & Southwest Va.

STEERS: Medium 1 300-500 lbs. 67.50-78.00; 500-700 lbs. 59.50-71.00; 700-900 lbs. 56.00-62.00. Large 1 300-500 lbs. 70.50-78.00; 500-700 lbs. 64.00-71.50. Small 1 300-500 lbs. 61.50-69.00; 500-700 lbs. 60.00-67.50.

HEIFERS: Medium 1 300-500 lbs. 55.00-65.25; 500-700 lbs. 54.50-63.25; 700-900 lbs. 54.25-54.50. Large 1 300-500 lbs. 54.00-66.00; 500-700 lbs. 54.50-61.00. Small 1 300-500 lbs. 53.50-59.75; 500-700 lbs. 51.00-54.00.

Shenandoah Valley Livestock

Harrisonburg, Va.
Sat., Jan. 31, 1987
Report supplied by auction

FEEDER CATTLE TREND: STEERS: M&L-1 300-500 lbs. 68.00-71.00; 500-700 lbs. 59.25-63.75; Holstein 300-1000 lbs. 46.75-54.50. S-L&M&L-2 500-700 lbs. 58.00.

FEEDER BULLS: M&L-1 300-500 1 Lot 69.00.

HEIFERS: M&L-1 300-500 lbs. 54.50-59.75; 500-700 lbs. 55.75-58.00; 700-1000 lbs. Few 53.50. S-L&M&L-2 300-500 lbs. 52.00.

STOCK COWS: Baby Calves Small & Medium 44.00-90.00, Large 98.00-118.00.

SLAUGHTER COWS TREND: Utility & Commercial 2-4 36.00-44.00, 1 at 44.75.; Canner & Cutters 1-3 31.00-35.00.

LAMBS: Blue O High Choice & Prime 1 at 80.00; Red O Choice 81.00; Feeder Lambs Choice 80.50-85.00; Head Ewes 26.00-36.00.

HOGS: US 1-3 200-240 lbs. 45.00; Sows 1-3 48.50-52.00; Boars 28.74.

SLAUGHTER CALVES: Good & Choice 54.00-58.00.

Virginia Weekly Livestock Review

Thursday, February 5, 1987

WEEKLY REVIEW IN VIRGINIA MARKETS IN REVIEW, JAN 29-FEB. 4, 1987

FEEDER CATTLE IN VIRGINIA AUCTIONS AND THE MIDWEST RANGED STEADY TO $4 00 HIGHER AS SLAUGHTER CATTLE MOVED STEADY TO $2 00 HIGHER STEER AND HEIFER BEEF HELD STEADY TO $2 00 HIGHER COWS AND BULLS IN VIRGINIA AUCTIONS FOLLOWED THE UNEVEN PRICES IN THE MIDWEST WHILE COW BEEF RANGED STEADY TO $2.00 HIGHER THE BOXED BEEF CUT-OUT VALUE OF CHOICE 2-3, 550-700 LBS CARCASSES REACHED $98 75/CWT TUESDAY THIS WAS $1 83 HIGHER THAN LAST WEEK BEEF PRODUCTION LAST WEEK TOTALED 443 8 MILLION LBS 5 PERCENT BELOW THE PREVIOUS WEEK AND 1 PERCENT ABOVE A YEAR AGO. AVERAGE WEIGHTS WERE 5 LBS LIGHTER VEAL AND CALF PRICES IN VIRGINIA AUCTIONS FOLLOWED EAST COAST CARCASS PRICES STEADY TO $3 00 HIGHER BEFORE CLOSING $2 00-7 00 LOWER SLAUGHTER LAST WEEK WAS UNCHANGED FROM THE PREVIOUS WEEK BUT 4 PERCENT BELOW A YEAR AGO WHEN AVERAGE WEIGHTS WERE 5 LB HEAVIER LAMB PRICES IN VIRGINIA AUCTIONS AND THE MIDWEST WERE STEADY TO $2.00 LOWER UNDER THE INFLUENCE OF LOWER EAST COAST CARCASS PRICES THAT WERE STEADY TO $6.00 LOWER THAN LAST WEEK SLAUGHTER WAS 8 PERCENT BELOW THE PREVIOUS WEEK AND ALSO 8 PERCENT BELOW LAST YEAR WHEN AVERAGE WEIGHTS WERE UNCHANGED HOG PRICES IN VIRGINIA AUCTIONS AND THE MIDWEST WERE STEADY TO $1 50 HIGHER AS PORK PRODUCT PRICES WERE UNEVENLY STEADY TO $2.50 HIGHER BEFORE CLOSING LOWER PORK PRODUCTIONS LAST WEEK WAS 2 PERCENT BELOW THE PREVIOUS WEEK BUT 4 PERCENT ABOVE A YEAR AGO AVERAGE WEIGHTS WERE 7 LBS. HEAVIER THAN LAST YEAR THE RICHMOND HOG MARKET CLOSED STEADY TO $1 00 HIGHER THAN LAST WEDNESDAY WITH BARROWS AND GILTS 1-4, 220-250 LBS AT $47 50-49.00/CWT TOTAL RECEIPTS FOR THE WEEK 306 HEAD THE SOUTHEAST VIRGINIA HOG MARKET CLOSED 50 CENT HIGHER THAN LAST WEDNESDAY WITH BARROWS AND GILTS 1-4, 220-250 LBS AT $49 00-50 00/CWT

Grantsville Livestock

Grantsville, Maryland
Saturday, Jan. 31, 1987

Large: 44-58; Medium: 39-45.

HOGS: Top Barrows & Gilts 48.00-50.60; Heavy Butcher 48.50-50.25; Light Butcher 44.00-49.00; Butcher Sows 42.00-50.75; Feeder Shoats 20.00-47.00.

VEAL: Good 75.00-92.00; Standard 55.00-70.00; Utility 38.00-45.00; Bull 85.00-106.00.

SHEEP & LAMBS: Good 75.00-85.00; Utility 61.00-70.00; Slaughter Ewes 30.00-41.00.

SLAUGHTER CATTLE: Steers: Good 58.00-60.00; Standard 52.00-55.00; Utility 45.00-50.00.

HEIFERS: Good 55.00-58.25; Standard 48.00-52.00; Utility 38.00-42.00.

COWS: Commercial 38.50-45.50; Utility 35.00-37.00; Canner & Cutter 30.00-32.00.

BULLS: Commercial & Good, 46.00-55.00; Cutter & Utility 42.00-44.00.

STOCK-FEEDER CATTLE: Yearling Steers: Good 58.00-60.00; Medium 45.00-54.00.

STEER CALVES: Good 58.50-62.50; Medium 48.00-55.00.

HEIFER CALVES: Good 52.00-58.00; Medium 42.00-50.00.

Valley Livestock

Athens, Pa.
Monday, Feb. 2, 1987
Report supplied by auction

Holstein Hfr. Calves to 65.00.
Veal Calves 47.00-78.00.
Vealer Bull Calves to 119.00.
Slaughter Calves 52.00-63.00.
Grassers & Feeders 42.00-58.00.
Lambs 66.00-80.00.
Sheep 23.00-43.00.
Hogs, 200 to 250 47.00-50.00.
Sows 39.00-44.00.
Boars 30.00-34.00.
Pigs per head 14.00-54.00.
Steers common 46.00-47.75.
Steers, feeder 42.00-51.00.
Bulls 44.50-52.25.
Cows, utility 39.25-52.25.
Cows, fat 38.00-42.50.
Cows, medium 37.00-41.00.
Cows, poor or small 30.00-36.50.
Cattle Market steady.
Calf Market good.
Ponies 35.00-160.00.
Goats each 11.00-57.00.

Feeder Sale 1st Monday of Each Month.

Dairy Sale 3rd Thursday of Each Month.

SPECIAL NOTICE
Vintage Sales Stables, Inc.
10 miles East of Lancaster, Rt. 30.
Send your hogs to us. We have a good demand for hogs. Every Saturday at 9 a.m.
L. Robert Frame, Manager
717-442-4181

BUYING SOYBEANS EAR & SHELLED CORN
Contract or Spot Purchase
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Dependable Service
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Local and Long Distance Hauling With A 24 Ft. Gooseneck Trailer
Call Don At
717/284-2580
Lancaster, Pa.

ATTENTION FARMERS
EVERY MONDAY
HATFIELD PACKING CO. and **MOYER PACKING CO.**
Will Receive Your Hogs and Cattle at the
DANVILLE LIVESTOCK MARKET
RD 4, Danville, PA
- We will receive your hogs from 8 AM to 12 Noon every Monday. Your hogs will be weighed and paid for immediately.
- We will also accept your sows & boars.
- Your cattle will be received from 12:30 to 5 P.M. We will either pay you for your cattle immediately or you may sell them dressed weight.
- There will not be a commission or yardage fee deducted from your check.
- You may call our office Monday morning and we will be able to tell you the base price for hogs for the day.

MELVIN M. LEHMAN - Owner
Danville Buying Station
Phone: 717-275-2880

ATTENTION FARMERS
The New Way To Market Your Livestock
HATFIELD PACKING CO. Will Receive Hogs AND **MOYER PACKING CO.** Will Receive Cattle
At The
BLAIR-BEDFORD BUYING STATION
RD 1 Martinsburg, Pa.
MONDAYS - Hogs 8 AM to 11:30 AM
Cattle & Calves 8 AM to 3 PM
THURSDAYS - Cattle & Calves 8 AM to 3 PM
- No commission or yardage fees deducted from check
- Livestock weighed and paid for immediately
- You may call our office sale day for prices

DALE R. HOOVER - Owner
Business 814-793-3077
Residence 814-793-2657

FARMERS

Question:	What To Expand For More Income?
Answer:	Build a New Modern 1000-2000 Head Finishing Floor.

We Provide:
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Lancaster Farming

OPINION

Old-Fashioned Farm Frugality

In case you didn't know, this has been National Meat Week (February 1-7). A number of industry organizations do promotional work to let people know about meat during this special week. The new promotional line now is "Meat, A Food For Fitness."

Sara Lylygren of the American Meat Institute is the national coordinator of Meat Week. She says the new slogan has caused a lot of interest by health- and fitness-oriented organizations outside of the farm community. That's good. We need all the help we can get to promote the use of meat. And certainly catchy slogans seem to be the way to do this today.

However, we can't help but remember a milk commercial that uses the same idea. Milk promotion has obviously increased milk sales. With the new beef promotion getting underway, we think meats sales will go up, too.

But we have several questions for which we have no answers. Will we soon see everything grown and produced on the farm merchandized as a food or drink that will make Average Consumer more fit? Since the stomach is only so elastic, will each commodity group soon be competing for a percentage of stomach capacity? And since so much of the "fast food beef" is imported, will the beef promotion increase the sale of home-grown beef?

A lot of dollars are collected from farmers paychecks. So we hope an honest effort is made with each commodity group and between groups to make sure we have no duplication of efforts. Even though we are talking about millions of dollars, we must maintain old-fashioned farm frugality.

FARM FORUM
OUR READERS WRITE

Dear Editor:

Dig A Little Deeper

Dig deeper. That is the best and the only practical solution of the problem, and it is what every live farmer is doing. A few feet down and the living fountains are reached.

We have come to a time when it seems to a great many farmers that their occupation is no longer profitable as it once was. They have to work harder and do not receive the returns they are entitled to. Thousands are seeking other positions, giving up the old farm for what can not be called anything else than an uncertainty.

What these and all farmers of the present day need to do is to dig deeper if the levels of success in farming have retreated. They certainly have not dried up. New methods may be required. It may be men need to approach their business from a different angle and study it more closely but that need not mean discouragement. Send the pickax of thought down a little farther.

Don't stop on this side of success. Just out of sight lies the unfailing spring of successful endeavor. Tap it before you lay down your tools and never say, "I'm beaten." No man is ever beaten so long as he has two strong arms and a strong heart.

This sounds like today's farmers. But I copied it out of a 1922 Lancaster Almanac.

Thank You,
Ben Housman
Middletown

NOW IS THE TIME

By Jay Irwin
Lancaster County Agriculture Agent

To Correct Drainage Problems

The recent thaw provides a good chance to observe water drainage problems around barns and storage buildings. If surface water drained into farm buildings or into homes, then something should be done about it very soon. Surface water should be directed away from buildings by way of terraces or diversion ditches.

Water should not be permitted to flow down against buildings from upgrade. This will weaken the structure and wash soil away from the foundation. Water that seeps into a building from underground is a different problem and more difficult to control.

However, the surface water can be directed around and away from farm buildings. Also, area around wells should be protected from surface water contamination. Water from feedlots and barnyards should not be allowed to flow directly into public streams; pastures or holding areas will help prevent the possibility of pollution.

To Evaluate Manure Plant Food

Agronomists have told farmers for 40 years that a ton of dairy manure is equivalent to 100 pounds of 10-3-5 fertilizer, but recent research indicates that much of the nitrogen is lost when manure is spread daily and left exposed to the elements.

Current data have confirmed that a ton of stored dairy manure is equivalent to 100 pounds of 10-4-8 fertilizer (page 22 of the 1987-88 Agronomy Guide).

The nutrients in fresh manure are equal to those of inorganic fertilizers for crop production, but more slowly available. If the manure is incorporated immediately, no nitrogen is lost; if incorporated after 2 days, 40 percent is lost. After 4 days, 60 percent is lost and 7 days or longer, 80 percent is lost. Studies concur with this and show that corn fertilized with fresh manure applied and plowed down in the spring produced the most corn silage.

Yields were lowest when the manure was applied in the fall, left exposed on the soil surface all winter and plowed down in the spring. Be sure to include the nutrient value of manure when calculating your crop needs. It's important to manage manure application just as you manage other areas of your operation.

To Check Poultry Waterers

Hens without water can cost you money. In one experiment, birds deprived of water for only 24 hours required 24 days to return to normal egg production. In most experiments, after a period of only 36 hours without water, birds never returned to normal. A flock without water for 36 hours or more may molt, then go through a prolonged period of restricted production. This is especially so in older flocks. If water is restricted for 48 to 60 hours, severe mortality can result from dehydration.

As you walk through your house each day, check the waterers to make sure none are dry or a line is plugged. I am aware of a case where the water line was restricted by a faulty valve in the middle row of cages for nearly three days. Mortality was high and production was seriously affected in that row.

A few minutes a day checking waterers can well mean saving a lot of dollars – don't wait until molted feathers are under the cage.

To Train and Prune Trees

General pruning of apple trees should be in full swing at this time of year, especially if you have a lot of pruning to do. I'd like to remind growers and homeowners not to overprune young trees or those which haven't yet started to bear fruit. There is a tendency to either prune the small trees too heavily, or simply to leave them alone. A middle-of-the-road course is best.

The training of young trees should involve just enough cutting to maintain a healthy central leader and to develop the desired number of well-spaced scaffold branches. Branches that are either poorly spaced, or ones making narrow-angled crotches, should be removed.

Keep in mind, when you start pruning early – start with your hardier trees, the apple and pear with plum and sour cherries next. Leave your peach till near the end, since they're quite tender.

The Cooperative Extension Service is an affirmative action, equal opportunity educational institution

Farm Calendar

Saturday, February 7

Lancaster Conservation District Meeting, Farm and Home Center, 7:30 p.m.

Monday, February 9

Sixth Pennsylvania Cornucopia Banquet, Hershey Convention Center.

Luzerne Co. Corn Clinic, Luzerne Extension Office, Wilkes-Barre, 7:30 p.m.

Poultry Servicemen's Seminar, Holiday Inn North, Lancaster, 6:30 p.m. Topic: Tax Reform in the Poultry Industry.

Tuesday, February 10

Capital Region Turf and Ornamental School, Holiday Inn, Grantville.

Atlantic Breeder's Co-op, N. Western, Country Table Restaurant, 7 p.m.

Lancaster County Sheep and Wool Growers Annual Meeting, 7:30 p.m., Farm and Home Center.

Making Smart Farm Decisions (3 sessions), York County Extension Office, 7 p.m. Also on Feb. 17 and 24.

Making Smart Farm Decisions (3 sessions), Cumberland County Extension Office, 12:30 p.m. to 3 p.m. Also on Feb. 17 and 24.

ASCS meeting, Acreage Reduction Program, Lancaster County Farm and Home Center, 7:30 p.m.

NE Region Fruit Growers Meeting, Ramada Inn, Routes 6 and 11, Chinchilla, 9:30 a.m. to 3:30 p.m.

Organic Crop Improvement Association meeting, Harrisburg Ag Building, 6:15 to 9 p.m. The speaker, agronomist Bart Hallbyer, will discuss organic farming.

Wednesday, February 11

Making Smart Decisions Seminar (session 2), Chambersburg.

Lancaster Extension Swine Meeting, Farm and Home Center.

Fayette County Dairy Day, Waltersburg IOOF Hall, 10.30 a.m.

Wayne County Drinking Water Clinic, Grace Episcopal Church Hall, Honesdale, 1 to 3:30 p.m. and 7:30 to 10 p.m.

Lebanon Valley Bank Ag Group luncheon seminar, Prescott Firehall, 8:45 a.m. to 2:15 p.m.

Thursday, February 12

Mid-Atlantic Direct Marketing Conference, Radisson Hotel, Wilmington, Del. Continues through Feb. 14.

Forage and Soils Day, Lemasters (Franklin County) Community Center, Lemasters, 9 a.m.

Lancaster Extension Annual meeting, Farm and Home Center, 6:30 p.m.

Dairy Cattle Reproductive Clinic, 10 a.m. to 3 p.m., Extension meeting room, Courthouse, Honesdale. Continues tomorrow.

(Turn to Page A31)

THE BIBLE SPEAKS

BY LAWRENCE W. ALTHOUSE

BELIEFS OR VALUES?

February 8, 1987

Background Scripture: James 2:8-18; John 4:7-12.

Devotional Reading: 1 John 4:13-21.

The scripture passages from Galatians and Ephesians that we looked at last week firmly established that we are saved, not by what we deserve, but by the grace of God: "For by grace you have been saved through faith; and this is not your own doing, it is the gift of God..." (Ephesians 2:8).

On the basis of that passage and others like it, many have depreciated the role of "works" in the Christian life and there have been formidable theological battles on the subject of "works" vs. "faith." But, in the passage from Ephesians, if we go on from verse 8 to verse 10, we find the writer saying: "For we are his workmanship, created in Christ Jesus for good works, which God prepared beforehand, that we should walk in them." In the very same passage in which grace and faith are exalted, the writer goes

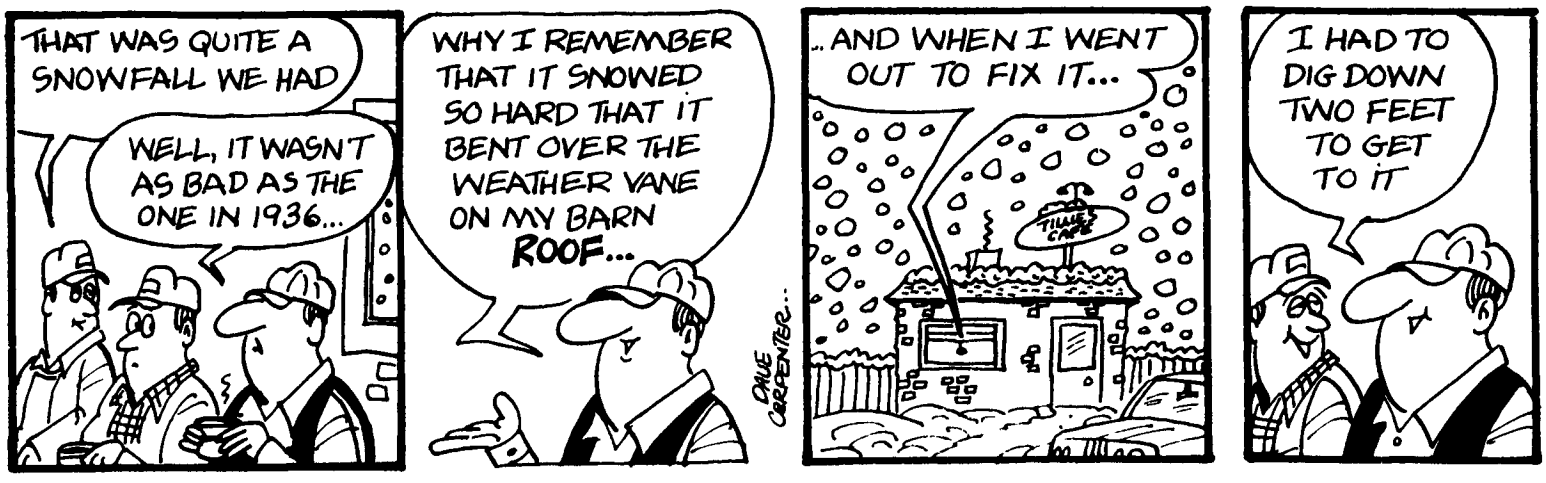
This is also the view of the writer of James, who asks: "What does it profit, my brethren, if a man says on to say that the purpose of all this is "good works in Christ Jesus." The writer of Ephesians does not see it as "faith" or "grace" vs. "works," but of all of these together.

he has faith but has not works?" (James 2:14). A man may say he has faith and he may believe it, but the saying and the believing mean nothing if he does not act as if he thinks it true. There are lots of things we say we believe and, for the most part, we are sincere. When we process these ideas through our minds, we have no trouble in accepting them and saying, "This I believe."

But very often these are nothing more than empty words and unpracticed beliefs. We may attack anyone who says he doesn't share them, but that doesn't mean we are so convinced and motivated by these beliefs that we are going to do anything about it. Let someone propose, "There are millions of starving people in the world and as Christians we ought to minister to them." Should someone disagree with this sentiment, we would likely get up in arms over that disagreement. How can you disbelieve in feeding the hungry?

The key, however, is not in what we believe or say about feeding the hungry, but what we do about it. "If a brother or sister is ill-clad and in lack of daily food, and one of you says to them, 'Go in peace, be warmed and filled,' without giving them the things needed for the body, what does it profit?" (2:15).

It is at this point that James reduces the theological problem to a level everyone can understand: "You believe that God is one; you do well. Even the demons believe and shudder" (2:19). Belief is not what makes a Christian. If belief were all that there is, the demons of this world would qualify. Anyone can hold an idea in his mind. The real question is whether that idea can hold us. We may believe all sorts of things, but real faith is a matter of the things we value. For, if we value something, it will motivate our actions.


THAT WAS QUITE A SNOWFALL WE HAD
WELL, IT WASN'T AS BAD AS THE ONE IN 1936...
WHY I REMEMBER THAT IT SNOWED SO HARD THAT IT BENT OVER THE WEATHER VANE ON MY BARN ROOF...
DAVE CARPENTER
...AND WHEN I WENT OUT TO FIX IT...
I HAD TO DIG DOWN TWO FEET TO GET TO IT

Meet Pennsylvania's New Corn Champs

Larry Baron and Doebler's 75X

with 281.6 Bushels per Acre

Doebler's 75X gave Luzerne County dairyman Larry Baron a record-shattering 281.6 bushels per acre in the 1986 Pennsylvania Five Acre Contest. New champs were announced at 1987 Farm Show.

Nope, we can't guarantee 281.6 bushel yields. But we still have a limited supply of the same Doebler 75X that Larry Baron used in Luzerne County, PA to shatter Pennsylvania's all time corn record. And by a whopping 33.7 bushels.

Doebler's 75X is a 113-day single cross. We also have some great shelling cousins of 75X ready to go to work in shorter season country. All bred for the East. All tested at our seven Eastern research stations.

281.6 bushels official. Larry entered the champion field in the Pennsylvania Five Acre Contest sponsored by the Penn State Extension Service and the Pennsylvania Master Corn Growers Association. And what a finish — 21,542 plants per acre, with 99.1% stand up. Ears weighed close to 16 ounces. Moisture October 15 a low 22%. Many plants with two ears. And the big numbers, 281.6 bushels of dry shelled corn per acre corrected to 15.5% moisture.

The Luzerne County dairyman gave Doebler 75X a good start by plowing down an old alfalfa stand top-dressed with manure. Two hundred pounds of 8-24-8 went in the row. Another 200 pounds of actual N was side dressed in two applications. Bladex plus atrazine controlled weeds.

But that's only half the story. Larry Baron grows only Doebler's. And look at the yields on the whole crop. In 1981, he averaged 137 bushels on 178 acres of Doebler's hybrids. By actual yield checks. In 1986, he did 29 bushels better. Or 166 bushels per acre on 174 acres.

Baron goes heavy with three numbers. Doebler's 75X, the 113-day all time champ. Doebler's 70XSS, a 111-day single cross with many 200 plus yields in its record. And Doebler's 65X, a 103-day single cross that averaged 161.1 bushels last year in 22 farm trials.

Your local Doebler dealer can help you pick a winner for your farm. The price just might surprise you.

A big hand for these Doebler growers, too

Here's how some of the other Doebler growers shelled out in the 1986 Pennsylvania Five Acre Contest:

Robert Whipple, Bradford County, Doebler's 70XA—168.3 bu.
Duane Lewis, Bradford County, Doebler's 59XA—161.7 bu.
Tom Boldin, Centre County, Doebler's 65X—179.5 bu.
Alfred Munro, Clinton County, Doebler's 75X—155.7 bu.
Philip E. Myer, Crawford County, Doebler's 38X—151.2 bu.
Harold Brubaker, Lancaster County, Doebler's 78XA—175.2 bu.
William Dagosin, Luzerne County, Doebler's 800A—159.9 bu.
Dean Maurey, Lycoming County, Doebler's 75X—163.9 bu.
Jim Woods, Mercer County, Doebler's 67XA—156.8 bu.
Edwin Kintner, Wyoming County, Doebler's 70XSS—163.7 bu.

DOEBLER'S Hybrids grown FOR THE EAST

RD 1 Jersey Shore PA 17740

Doebler's doing it

Livestock market and auction news

New Holland Horses

New Holland Sales Stables
New Holland, PA
Monday, Feb. 2, 1987
Report supplied by auction

Registered receipts of 242 head of horses, mules and ponies.
Market: stronger.
Local
Registered Horses 650.00-850.00.
Driving Horses 275.00-500.00.
Riding Horses 175.00-575.00.
Lightweight Killers 175.00-300.00.
Heavyweight Killers 350.00-440.00.
Mare Ponies 30.00-75.00.
Colts 10.00-20.00.
Gelding Ponies 30.00-75.00.
Larger Ponies 100.00-200.00.

Four States Livestock

Hagerstown, Md.
Wednesday, Feb. 4
Report supplied by Auction

SLAUGHTER: Fed Steers, good run, mostly steady; Choice to Prime 62.00-65.25; Good to Choice 56.00-61.00; Medium 50.00-55.00; Dairy Type 44.00-58.00. Heifers Choice to Prime 60.00-65.00; Good 52.00-59.00; Medium 45.00-51.00. Cows Good run, $1-$2 lower; High Yield 39.50-41.50; Average 36.00-39.00; Big Middle 32.00-35.00; Fatty Herf. 31.00-35.00; Shelly 32.00 down. Fat bulls $1.50 higher; Good 46.00-50.00; Medium 42.00-45.00.

VEAL CALVES: No choice offered, mostly steady; Good 62.00-68.00; Medium 55.00-61.00; Farm Hfrs. 52.00-68.00; Farm Bulls 85.00-105.00; Light calves 45.00-52.00; Weak calves 44.00 down.

LAMBS: Steady; Choice to Good 72.00-80.00.

STEERS: Strong demand, higher prices; 300-550 lb. Choice 63.00-67.00; Good 56.00-62.00; Medium 50.00-55.00; Culls 49.00 down. Steers 600-850 lb. Choice 59.00-63.00; Good 55.00-58.00; Medium 50.00-54.00. Heifers (all weights) Choice 52.00-57.00; Good 46.00-51.00; Medium 40.00-45.00. Open Dairy Hfrs. 48.00-56.00. Springing Heifers $500.00-750.00.

PIGS, HD.: Steady with last week. 20-40 lb. 25.00-35.00; 40-60 lb. 36.00-40.00. Shoats by lb. 110-183 lb. 43.00-46.50. Sl. Hogs $1 higher; 230-260 lbs. 49.00-51.00; 265-325 lbs. 51.00-55.00. Sows $2 higher; 375-500 lbs. 44.00-50.00. Bulls Choice 59.00-62.00; Good 53.00-58.00; Medium 48.00-52.00.

Next week: 1 registered Holstein bull sired by Valiant 20 mos. old.

Lebanon Valley Livestock Auction

Fredericksburg, Pa.
Tuesday, February 3, 1987
Report Supplied by PDA

CATTLE 223...PDA...Compared with last Tuesday's market: Slaughter cows uneven, about steady. Few Choice 1080-1430 lbs. sl. steers 59.50-64, Good 54.75-58.75, few to 60.00, Standard 44.50-49.50; Choice holsteins 54.00-57, Good 51-54.75. Choice sl. heifers 55.50-59.50, few 61.00, few Choice holsteins 52.00-53; Good 50.00-55. Breaking Utility and Commercial sl. cows 41.00-45, few 46.00, Cutter and Boning Utility 37.50-41.25, Canner and Low Cutter 34.75-37.50, Shells down to 28.50. One Choice sl. bullock 57.50, few Good 54.25-55.50. Yield Grade No. 1, 1100-1670 lbs. sl. bulls 48.75-55.50.

CALVES 191...Few Choice & Prime vealers 96.00-100, few Good 65.00-80, few Standard and Good 110-120 lbs. 60.00-62, 70-100 lbs. 48.00-56, Utility 60-80 lbs. 35.00-46.00. Farm Calves: Holstein Bulls 90-125 lbs. 80.00-103, few down to 60.00; Holstein Heifers 90-110 lbs. 63.00-86.00.

HOGS 156...Barrows and gilts $1 higher. Lot US No. 1-2 220 lbs. 52.35, 1-3 205-245 lbs. 50.00-52.00, lot 2-4 240 lbs. 50.00. US No. 1-3 375-560 lbs. sows 41.00-45.00. Few Boars 36.00-42.00.

FEEDER PIGS 18...Few Lots US No. 1-3 22-41 lbs. feeder pigs 95.00-105.00 --- all per hundredweight.

SHEEP 2...Choice, individual 80 lbs. wool sl. lamb at 90.00. One Slaughter ewe 27.00.

GOATS 0...No market test.

Belleville Livestock Auction

Belleville, Pa.
Wednesday, February 4, 1987
Report Supplied by PDA

CATTLE 90...PDA...Compared with last Wednesday's market: Few Standard slaughter steers 44.00-50.75. Breaking Utility and Commercial slaughter cows 39.00-42.10, Cutter and Boning Utility 36.50-40, Canner and Low Cutter 33.75-36.00, Shells down to 31.00. Few Yield Grade No. 1, 965-1825 lbs. slaughter bulls 39.00-45.50.

CALVES 104...Good vealer, individual 60.00, Standard and Good 70-95 lbs. 51.00-55.00, few Utility 55-75 lbs. 30.00-45.00. Farm Calves: Holstein Bulls 90-125 lbs. 60.00-100, individual 110.00.

HOGS 70...US No. 1-2 240-245 lbs. barrows and gilts 52.35-53.25, lot 1-3 183 lbs. 42.50. US No. 1-3 370-600 lbs. sows 42.00-46.00. Boars 30.00-40.00.

FEEDER PIGS 245...US No. 1-3 25-35 lbs. feeder pigs 29.00-41.50, 35-55 lbs. 40.00-52.00 — all per head.

SHEEP 4...Few Slaughter ewes 10.00-40.00.

GOATS 0...No market test.

HOLSTEIN DAIRY COWS $375.00-$925.00 — ALL PER HEAD.

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C B HOOBER & SON INC
INTERCOURSE, PA
The Saving Place

ANNUAL
OPEN HOUSE
February 9 - February 14
For Details See SPECIAL INSERT
In This Week's Paper
FARMER'S MACHINERY SHOW - FEB. 12th

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$2.91/COW**

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Livestock market and auction news

Leesport Livestock Auction

Leesport, Pa.
Wednesday, February 4, 1987
Report Supplied by PDA

CATTLE 271...PDA...Compared to last Wednesday's market: Slaughter steers steady; Cows steady to $1 lower. Choice sl. steers 1050-1375 lbs. 59-64.75, few Good 53.50-59; few Standard 51-52.75, Good & Choice 1200-1500 lbs. holsteins 51-55.75, few Choice 60.75, Standard 48.50-51.00. Choice sl. heifers 53.75-56.60, few 61.50, few Good 50.75-54, few Standard 41.00-50.50. Breaking Utility and Commercial sl. cows 40.75-43.85, few 46.50, Cutter and Boning Utility 37-42.25, Canner and Low Cutter 34-37.50, Shells down to 25.75. Good & Choice sl. bullocks 50-55.60, 2 head 56.50, few Standard 48.75-51.00. Few Yield Grade No. 1, 1200-2150 lbs. sl. bulls 50.50-52.25, one 55.50, few No. 2 1000-1250 lbs. 46.25-47.75. Feeder Cattle: Few Medium Frame No. 1, 530-625 lbs. steers 66.00-68, few 800-900 lbs. 52-57.25, few Large No. 2 850-900 lbs. 46-47.25. Few Medium Frame No. 1, 375-750 lbs. bulls 49.00-57.00.

CALVES 140...Few Choice vealers 79.00-90, few Good 67.00-79, Standard and Good 90-110 lbs. 50.00-56, 75-85 lbs. 47.00-50, Utility 90-110 lbs. 45.00-48, few 50-75 lbs. 30.00-47.00. Farm Calves: Holstein Bulls 95-135 lbs. 86.00-96, some down to 60.00; few Hol. Heifers 95-110 lbs. 57.00-63.00. Few Beef cross bulls and heifers 70-120 lbs. 51.00-87.50.

HOGS 351...Barrows & Gilts weak to $4 lower. US No. 1-2 205-240 lbs. 49.75-50.50, few 55.75, 1-3 205-255 lbs. 47.85-50.50, mostly 48.50-49.25, few 2-3 220-255 lbs. 45.00-48.50. Sows $2 to $4 lower. US No. 1-3 300-650 lbs. sows 40.00-44, few 45.50, few Medium 350-450 lbs. 35.00-38.00. Boars 37.00-40.00.

FEEDER PIGS 160...Lot US No.1-3 20 lbs. feeder pigs 27.00, 20-30 lbs. 111.00-119, 45-55 lbs. 95.00-112, Lot Utility 25 lbs. 92.00 — all per hundredweight.

SHEEP 27...Choice & Prime 75-130 lbs. wooled sl. lambs 82.00-87; few New crop lambs 40-55 lbs. 115.00-117.50. Few Slaughter sheep 21.00-42.00.

GOATS 3...Few 31.00-50.00 — all per head.

New Wilmington Livestock Auction

New Wilmington, Pa.
Monday, February 2, 1987
Report Supplied by PDA

CATTLE 284...PDA.Compared with last Monday's market: Slaughter cows .50 to $1 higher. Few Choice sl. steers 57.00-59, Good 53.50-56, Standard 47-53.25, few Utility 43.00-45.00. Few Choice sl. heifers 54.75-57.75, few Good 48.00-50, few Standard 40.00-45.00. Breaking Utility and Commercial sl. cows 41.50-45.25, one 48.25, Cutter & Boning Utility 38.50-43, Canner & Low Cutter 34.00-39.00. Few Standard sl. bullocks 48.25-49.25. Yield Grade No. 1, 1280-2255 lbs. sl. bulls 47.50-52., few No. 2 1240-1575 lbs. 43.25-44.75. Feeder Catle: Few Medium Frame No. 1, 650-700 lbs. steers 52-58.50, Med. & Large No. 2 400-765 lbs. 44-52.50. Medium & Large Frame No. 1, 440-615 lbs. heifers 50.00-57.00. Medium Frame No. 1, 500-735 lbs. bulls 50.00-55.00.

CALVES 328...Few Choice vealers 94.00-105, few Good 70.00-85, Standard and Good 90-120 lbs. 45.00-58, 65-85 lbs. 32.00-45, Utility 50-70 lbs. 17.00-20.00. Farm Calves: Holstein Bulls 85-135 lbs. 70.00-111, Holstein Heifers 90-120 lbs. 60.00-75.00.

HOGS 432...Barrows and gilts mostly $3 higher. US No. 1-2 230-255 lbs. 50.00, 25 head 50.75-51, 1-3 210-255 lbs. 48.00-50, 2-3 210-250 lbs. 47.50-48.50, lot 2-4 278 lbs. 46.50, 1-3 180-205 lbs. 42.00-45.00. Sows about steady. US No. 1-3 360-625 lbs. sows 40.00-46, few 48.50, few 2-3 340-495 lbs. 38.00-41.00. Boars 32.00-38.00.

FEEDER PIGS 63...US No. 1-3 25-40 lbs. feeder pigs 27.00-39.00 — all per head.

SHEEP 45...High Choice and Prime 90-105 lbs. new crop lambs 82.00-83, lot Shorn 110 lbs. 78.00, Choice & Prime 75-100 lbs. wool lambs 79.00-84.00. Slaughter ewes 14.00-29.00.

GOATS 2...40.00&52.00 — per head.

Mercer Livestock Auction

Mercer, Pa.
Tuesday, February 3, 1987
Report Supplied by PDA

CATTLE 227...PDA. Compared with last Tuesday's market: Slaughter Steers and Heifers .50 to mostly $1 higher; Cows .50 to $1 higher. High Choice & Prime sl. steers 62.00-64.30, Choice 57.00-62.75, few yield grade #2 63.75, Good 54.00-57.50, Standard 47.00-54.25, few Utility 42.00-45.00. Choice sl. heifers 55.60-57.80, individual High Choice 63.25, few Good 52.00-55, Standard 45.00-51, few Utility 42.00-45.00. Breaking Utility and Commercial sl. cows 41.00-45.50, few 47.00, Cutter 38.50-43, Canner & Low Cutter 35.00-39, Shells down to 30.00. Few Yield Grade No. 1 1200-1600 lbs. sl. bulls 46.00-48.85, few No. 2 1000-1300 lbs. 42.00-45.00. Feeder Cattle: Medium & Large Frame No. 1 400-800 lbs. steers 60.00-66.00. Few Large Frame No. 2 600-800 lbs. heifers 41.00-45.00.

CALVES 88...One Choice vealer 94.00, few Good 67.00-75, Standard and Good 90-120 lbs. 45.00-58, 60-85 lbs. 39.00-46, few Utility 50-80 lbs. 18.00-31.00. Farm Calves: Holstein Bulls 90-125 lbs. 75.00-120.00.

HOGS 210...Barrows and gilts $1 to $1.50 higher. US No. 1-2 220-250 lbs. 49.50-50.60, lot 51.00, 1-3 215-260 lbs. 48.00-49.50, 2-3 225-250 lbs. 47.40-48.10. Few US No. 1-3 300-600 lbs. sows 43.00-45.00, few 2-3 300-400 lbs. 40.00-43.00. One Boar 34.00.

FEEDER PIGS 0...No market test.

SHEEP 2...Couple Slaughter ewes 24.00.

GOATS 0...No market test.

By helping the 4-H and FFA, we're helping all of us.

In the Agri-Finance Department of Hamilton Bank we finance projects for active 4-H and FFA members

That's because we believe that helping preserve the family farm is one of the best ways to insure a better future for us all And that involves working with our young people

It's important to give them guidance, instill the proper values, and help them acquire the skills they need to be successful farmers

The 4-H and FFA are working toward these goals And so, we support their efforts If you, or someone in your family needs money for a project, stop by and see us It just might help us all

Hamilton Bank

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Jessica Hertzog with her steer and Diane Musser with her lamb with Darvin L Boyd Vice President and Director of the Hamilton Bank Agri Finance Department Hamilton Bank purchased these animals at the Southeast District 4-H Baby Beef and Lamb Show in November 1986 and donated them to the Lancaster County Red Rose 4-H Baby Beef and Sheep Club Banquet held at the Farm and Home Center on February 5 Jessica is the daughter of Mr and Mrs Kenneth B Hertzog R D #2 Ephrata Diane is the daughter of Mr and Mrs Harold Z Musser 566 Green Tree Road Elizabethtown

FRIDAY, FEBRUARY 13
ON THE FARM MONTHLY

BRED GILT SALE

1:00 P.M.
Sale To Start Promptly Every 4 Weeks
- BLIZZARD DATE -
Following Tuesday 1 P.M.

Located 18 miles south of Lancaster, Pa., 6 miles south of Quarryville, take Rt. 272 to Little Britain, turn north, follow Little Britain Road to Jackson Road, right. 2nd farm, OR take Rt. 222, out of Quarryville to Cedar Hill Road to Little Britain Road to Jackson Road, left. Watch for sale arrows.

50 to 60 Head
WHITE DIAMOND GILTS

25 Head due bet. Feb. 16 & 23
22 Head due bet. Feb. 23 & Mar. 4
Plus 14 F1 York Hamp Gilts Due Soon

Here Now a new cross again. Large White & Landrace, first generation true F-1 gilts. Parent stock originated from Lieske Bros. Minnesota. Very productive in litter size and feed conversion.

Vaccinated for Lepto, Erysipias, Rhinitis, E'Coli, Pasteuerella

Hand mated with Breeding Dates

Local Truck Available
No Hogs Sold On Commission

JOHN B. STOLTZFUS
R.D. 1, Kirkwood, Pa.
Abe Diffenbach, Auctioneer AU225L

NEXT SALE DATE MARCH 13, 1 00 P M.

U.S. Inspected Livestock Slaughter

Estimated Daily Livestock

	CATTLE	CALVES	HOGS	SHEEP
Wednesday 02/05/87				
Week To Date (Est.)	516,000	48,000	1,150,000	85,000
Same Pd. Lt. Wk. (Est.)	515,000	47,000	1,185,000	82,000
Same Pd. Lt. Yr. (Act)	509,000	49,000	1,192,000	93,000

PA Tobacco Markets

The following prices received at tobacco auction warehouses were supplied by the Keystone Tobacco Marketing Group.

Tobacco included in averages is mostly Maryland Type 009 with a small amount of Pennsylvania Type 41.

Week Feb. 2

Total volume this week- 543,000 lbs.

Total volume last week- 103,700 lbs.

Top quality- $.53-$.64.

Average quality- .35-.50.

Outgrade- .10-.25.

Chambersburg Livestock

Chambersburg, Pa.
Thursday, February 5
Report supplied by PDA

CATTLE: 397. Cows .50-2.50 lower; few Good steers 50.00-59.50; Standard 45.00-49.75; couple Choice heifers 57.00 and 57.50; few Good 46.75-54.00; Breaking Utility & Commercial cows 38.75-42.75; Cutter & Boning 37.75-41.75; Canner & Cutter 36.00-39.00; bulls YG No. 1, 1000-1930 lb. 48.75-57.75.,

FEEDER CATTLE: Few Med. No. 1, 390-730 lb. steers & bulls 50.00-60.50; few Med. No. 1, 430-595 lb. heifers 49.50-56.50.

CALVES: 393. Few Choice 85.00-102.00; few Good 70.00-83.00, few 110-125 lb. 61.00-65.00; 75-100 lb. 55.00-61.00; hol. bulls 90-125 lb. 80.00-104.00; heifers 90-115 lb. 57.00-75.00.

HOGS: 3. Few US No. 1-3 sows 420-545 lb. 43.25-44.25.

FEEDER PIGS: 48. 2 lots 1-3, 120 lb. 67.00.

SHEEP: None.

GOATS: None.

National Stockyards St. Louis Cattle, Hogs

Thursday, February 5, 1987

CLOSE HOGS 3,000 TRADING ACTIVE BARROWS AND GILTS 75-1 00 HIGHER DECREASED SUPPLY OF WEIGHTS OVER 250 LBS US 1 3 200-270 LBS 50 00-50 50 BULK 50 25-50 50 US 2-3 270-290 LBS 48 00-49 00

SOWS UNDER 500 LBS STEADY TO 50 LOWER, OVER 500 LBS 1 00-3 00 LOWER FULL DECLINE ON WEIGHTS OVER 600 LBS ABOUT 6% US 1 2 300-500 LBS 42 00 US 1 3 OVER 500 LBS 44 00-46 00

BOARS OVER 300 LBS 43 00 UNDER 300 LBS 40 00 RM B 50 50-50 50 C 50 50-50 50 G 50 25-50 50 H 50 25-50 50 J 50 00-50 25 O 50 00-50 50 J 50 00-50 25 VV 42 00-42 00 WW 42 00-42 00 XX 44 00-45 00 YY 46 00-46 00 ZZ 43 00-43 00

CATTLE AND CALVES 1 200 BULK OF RECEIPTS FEEDER CATTLE FOR THURSDAY S AUCTION OPEN MARKET CONSISTS OF COWS TRADING SLOW COWS 2 00 LOWER

COWS BREAKING UTILITY AND COMMERCIAL 2 4 38 00-40 00 CUTTER AND BONING UTILITY 1 2 40 00-41 00 HIGH-YIELDING CUTTER AND BONING UTILITY 1 2 41 00-42 00 CANNER AND LOW CUTTER 1 2 37 00-39 00 SHELLY CAZN NER 1 2 33 00-37 00 750-850 LBS 30 00-33 00

COMPARED TO LAST WEEKS CLOSE SLAUGHTER STEERS AND HEIFERS MOSTLY 2 00 HIGHER COWS UNEVENLY 2 00-4 00 LOWER, MOST DECLINE ON HIGH YIELDING CUTTER AND BONING UTILITY BULLS 2 00-3 00 HIGHER SLAUGHTER SUPPLY MAINLY CHOICE SLAUGHTER STEERS AND HEIFERS AROUND 10% COWS DS 0928C ELT

GRAIN, CATTLE AND HOG FUTURES MARKETS

(Continued from Page A3)

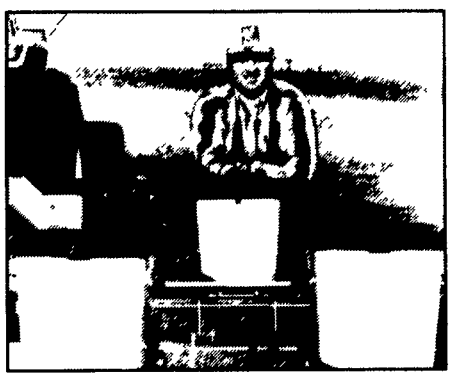
WHEAT

	FRI.	MON.	TUES.	WED.	THURS.
MAR.	288¼	287¾	288¼	289½	286½
MAY	271¼	271	272	274½	271½
JULY	253	253½	253¾	255¼	253¾
SEPT.	251¾	253	252¾	253¾	253
DEC.	258	259	259	260	259½

CHICAGO CATTLE

	FRI.	MON.	TUES.	WED.	THURS.
FEB.	63.57	63.27	63.70	64.67	63.72
APR.	62.87	62.95	63.52	63.97	63.30
JUN.	61.02	61.15	61.71	62.15	61.05
AUG.	58.80	59.05	59.55	60.00	58.77
OCT.	57.37	57.77	58.42	59.07	57.65
DEC.	57.75	58.15	58.45	59.10	57.60

30" Corn to 15" Beans?



Got a Minute?

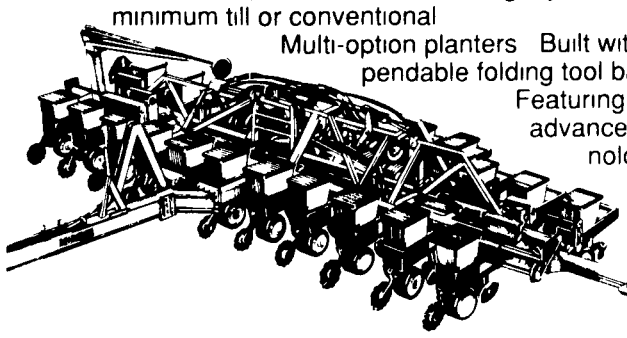
It's easy! Patented KINZE Push Units let you split rows and switch from 30" to 15" spacings -- even down to 10" -- in minutes

So, KINZE keeps you operating Without wasting time to set up With planters that quickly and easily fold And with all the fertilizer, no-till extras and weight you need In no-till, in minimum till or conventional

Multi-option planters Built with the most dependable folding tool bars in the field

Featuring the finest most advanced row unit technology anywhere

That's KINZE



KINZE Planters that simply plant

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EVERGREEN TRACTOR CO., INC.

TRACTORS:

MF 50 Gas (recently overhauled)	$2,850
MH 22 w/3 pt. and 2 row cultivator	$1,650
4620, PS, cab, overhauled	$9,750
JD 3020 side console, gas	$5,850
JD 2440 Tractor	$8,950
JD 450 Crawler Loader	$10,500
JD 148 Loader for a 2640 or 2840 Tractor	$2,850
JD 3020 Diesel Syncro	$5,850
Farmall 300	$1,500
JD 2510 Diesel, Syncro	$5,850
JD 530 SOLD	$2,950
JD 146 Loader w/Independent Valve	$2,950
JD 401(SOLD (one of a kind)	$5,500
JD 3020 Diesel, Power Shift, Wide Front	$7,900
JD 3020 Diesel Side Console, WF, PS, Cab, Sharpest one you'll find	$10,500
Farmall Super C w/2 Row Cultivator and Sickle Bar Mower	$1,500
JD 4430 Quad Range, Sound Guard	$14,950
JD 2630 Hi-Lo w/Dual Outlet 540-1000 PTO and R&P Axles	$8,200

COMBINES & PICKERS:

JD 454, 4 Row Bean and Sunflower Head	$2,650
6620 Side Hill, turbo hydro, heater & air, monitor, spreader	
6600 hydro, rotary screen, diesel, heater & air, chopper, US feeder house, monitor, adjustable rear axle, bin extension.	
6600 gear, rotary screen, diesel, monitor, heater & air, US feeder house, bin extension	
4400 Diesel, rotary screen, heater, monitor, US feeder house, bin extension, chopper	
NI 324 2 Row Wide 12 Row 327 bed	$3,950
NI 818 combine with 13' flex head Sharp	
NI 2 row narrow, pull type picker	$3,950
(1) #343 3 Row 30"	
(1) #443 Corn Heads	
#244 Corn Head	
#244 Corn Head	
13' Grain Table	
(2) #444 Corn Heads	
15' Flex Head, Black Reel	
NI 2 row narrow w/sheller, A1	$3,950
JD 444 Corn Head	
JD 343 Corn Head w/Harvester Adaptor	$3,950

TILLAGE:

Kewanee 19' Flat Fold Model #200 Field Cultivator	$2,350
Kewanee #600 16' Wing Fold Disc	$2,950
JD 1010 Flat Fold Field Cultivator 18'	$3,250
JD BWF 14' Flex Disc	$2,350
JD 1450 5x16 Plow	$1,950
JD F845 Roll Over Plow (New)	$2,850
JD 3-16 F620 Trailer Plow, nice	$550
JD 4-16" F350 Auto Reset Plow	$1,550
IH #55 11' Pull Type Chisel Plow	$1,575
JD 145 4-16" Semi Mount Plow	$1,250
Brillion 9' Packer	$425
Add on bottom for JD 2500 18" Spring Reset Plow	$500
JD BWF 21' Wing Fold Rock Flex Disc	$2,650
JD 14' TWA Plowing Disc	$2,450
Brillion 14' Packer w/Transport	$975
Brillion 16' Packer w/Bridge Hitch	$1,850

GRAIN DRYERS:

New Farm Fans AB8 Auto-Batch Dryer
MUST MOVE CALL FOR PRICE
(Dealer Inquiries Welcome)

Coming in . . .

Hudson 14' Tandem Axle Trailer
JD 1450 4-16" Semi Mount Plow
JD 680 Tandem Axle 1000 PTO Spreader
NH #320 Baler w/#70 Thrower Sharp
JD #24T Baler w/Hydraulic Thrower

HAY MACHINES:

Hesston Hydro-Swing Mower Conditioner	$2,750
Hesston PT10 Mower Cond	$2,350
NH 850 Round Baler	$3,850
JD #336 Baler w/#30 ejector	
Hesston PT 10 Mower Conditioner	$950
15' Hyd Fold Bat Wing Mower	$2,150

HARVESTERS & FORAGE EQUIPMENT:

NH Super 717 Harvester	$2,450
NH P U Attachment	$575
JD 35 Harvester, 2 row narrow & pickup, sharp	$3,550
JD 15 Chopper	$450
Gehl #72 Flail Chopper, sharp	$2,450

PLANTERS & GRAIN DRILLS:

JD 20x6 Model B Plain Grain with Grass D D	
JD 8 Row 7000 30" Planter	
IH #10 15 Hole Drill, Sharp	$1,475
JD 8100 14x7 Drill w/Grass, Sharp	$2,150
JD 20x7 Model B Plain Drill, Double Disk	$1,850
1 Row 3 pt Ellis Vegetable Planter	$275

MISCELLANEOUS:

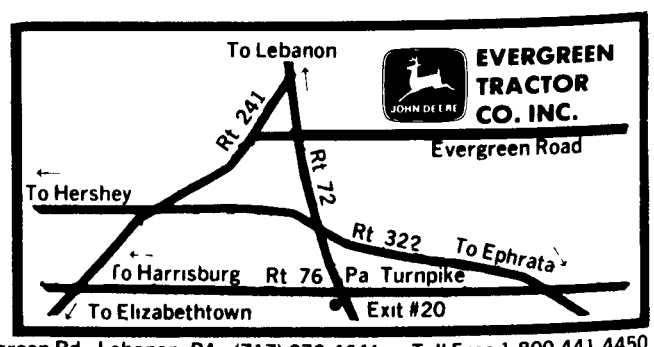
JD 201 Implement Carrier, 9'x32', New Style	$2,450
NI PTO 2 Beater Spreader, Model 214	$750
18.4x38 Direct Axle Dual Wheels	
14 9x38 Direct Axle Dual Wheels	
14.9x26 T-rail duals	
NH 679 tandem axle spreader, hyd endgate	$3,850
NH #90 Bale Mover	
NI 214 Spreader w/End Gate	$1,850
Best Land Rock Picker	$1,850
9 Tooth Folding Anhydrous Bar	$1,250
Owatonna stack wagon, model #540	$3,450
Cattle Feeder Wagon	$750.00
JD 18 4x38 Direct Axle Duals	$1,250
JD 6000 Hi Cycle Self Propelled Sprayer	
JD 863 10' Front Dozer Blade for 30 & 40 Series, articulate 4 wheel drive tractors	$2,650

NEW JOHN DEERE EQUIPMENT AT GENERIC PRICES

JD 660 rakes w/front wheel and new tires	$2,575
JD #1010 21' Flat Fold Pull Type Field Cultivator	$3,875
JD #1010 12½' Pull Type Field Cultivator	$2,250
JD #940 12½ S Tine Pull Type Field Cultivator	$1,875

SPECIAL
NEW 16' 3 BEATER
ARTSWAY FORAGE WAGONS
$3,450.00 each

4 Only! **SPECIAL** 4 Only!
New JD Weather Shields
For 2840 Tractors
Part # AR86081
List $317 **SPECIAL $140.**



30 Evergreen Rd , Lebanon, PA , (717) 272-4641 or Toll Free 1-800-441 4450

Eighty-Four Livestock Auction

Eighty-Four, Pa.
Monday, February 2, 1987
Report Supplied by PDA

CATTLE 245...PDA...Compared with last Monday's market: Slaughter cows .25 to 47.50-53.50, few Utility 40.00-44.50. Choice sl. heifers 57.00-60.50, few Good 51-53.50, Standard 44.00-48, few Utility 40.50-43.50. Breaking Utility and Commercial sl. cows 41.00-45, few 46.50, Cutter & Boning Utility 38.00-43, Canner& Low Cutter 32-38.25, Shells down to 28.00. Yield Grade No. 1 1100-1700 lbs. sl. bulls 46.00-51, few No. 2 900-1400 lbs. 41.00-44.00. Feeder Cattle: Few Medium & Large Frame No. 1 350-600 lbs. steers 58.00-69; Medium & Large Farme No. 1 400-600 lbs. heifers 47.00-59.50; Few Medium Frame No. 1 400-630 lbs. bulls 55.00-67.00.

CALVES 276...Few Choice vealers 86.00-107, Good 70.00-85, Standard and Good 90-120 lbs. 46.00-58, 60-85 lbs. 41.00-47, few Utility 50-85 lbs. 30.00-38.00. Farm Calves: Holstein bulls 90-120 lbs. 70.00-114.00.

HOGS 76...Barrows and gilts $1 to $1.50 higher. Few US No. 1-2 220-230 lbs. 50.00-50.25, 1-3 230-265 lbs. 48.00-49.50, lot 2-3 284 lbs. 46.00, 1-3 190-203 lbs. 43.00-46.00. US No. 1-3 400-650 lbs. sows 45.00-47.00, one 2-3 560 lbs. 44.00. Couple Boars 35.50.

FEEDER PIGS 3...No market test.

SHEEP 53...Few High Choice & Prime 104 lbs. wool slaughter lambs 89.00,few Choice 85-90 lbs. 85.00-88; small lot 67 lbs. 91.50; few Good 65-75 lbs. feeder lambs 75.00-80.00. Slaughter sheep 25.00-29.00.

GOATS 0...No market test.

Westminster Livestock Auction

Hagerstown, Md.
Tuesday, Feb. 3, 1987
Report supplied by auction

SLAUGHTER COWS: Steady prices. Cows High Yield 43.00-45.00; Utility 38.00-43.00; Canners 36.00-40.00; Shelly 35.00-Down. Bulls Good to 49.75. Fed Steers Choice 59.50-62.00; Good to Low Choice 53.00-58.25; Standard to Low Good 45.00-52.00. Fed Heifers Choice 57.00-60.00; Good 45.00-53.00. Veal Calves Choice 200-315 lbs. 77.00-85.00; Good 58.00-65.00; Stock/Thin 30.00-40.00; Killers 80-100 lb. 47.00-54.00; Weak/Rough 40.00-Down. Farm Calves Holstein Bulls 100-125 lbs. 85.00-104.00; 90-95 lbs. 55.00-100.00. Holstein Heifers 95-105 lbs. 52.00-60.00. Butcher Hogs $1 higher. US #1&3 215-240 lb. to 50.00; 270-285 lb. 51.50-52.50. Sows 400-500 lbs. 39.00-43.00. Boars 400-600 lbs. 36.00-37.00.

STOCK CATTLE: Larger run, good demand. Steers 300-500 lbs. Choice 61.00-63.00; 500-700 lbs. 56.00-59.50; Good 50.00-55.00; 700-850 lbs. Medium 45.00-50.00; 850-975 lbs. Good 50.00-54.00; Medium 45.00-50.00. Heifers 300-500 lbs. Choice 54.00-58.50; Good 49.00-53.00; 500-700 lbs. Good 44.00-49.00, 1 to 53.00; 700-850 lbs. Good 51.50. Bulls 700-900 lbs. 46.50-48.00. Lambs Good demand. Choice 95-110 lbs. 76.00-79.00; 1 135 lbs. at 55.00. Sheep 24.00-44.00. Goats 100 head. Large 50.00-60.00; Medium 35.00-50.00; Good Small 30.00-40.00; Thin 20.00-30.00. Pigs & Shoats 50 head. By the head: 30-40 lbs. 30.00-41.00; 60 lbs. 47.50; 70 lbs. 59.00. By the lb.: 180-190 lbs. 47.50; Stock Boars 175 lbs. 44.00.

2 farm consignment sales coming this spring. 1 at Four States, Hagerstgown, Md., on Sat., Feb. 28 and 1 at Westminster Livestock on Sat., Mar. 28.

Apple Market News

January 28, 1987
Report Supplied by PDA

Demand on Red & Golden Delicious Controlled Atmosphere film bags good, other sizes and varieties light. Market steady.

SUMMARY

Cartons 12/3 lb. bags, U.S. Fancy, 2¼" Min. Regular Storage.

Red Delicious 8.00-8.50 occ 9.00; Golden Delicious 7.00-8.00; Rome 6.00-7.00 few 8.00; Stayman 6.00-7.00.

12/3 lb. film bags, U.S. Fancy, 2¼" Min. Controlled Atmosphere Storage, Red Delicious 10.00-11.00; Golden Delicious 9.00-10.00 mostly 9.50.

Cartons Traypack, Combination U.S. Extra Fancy & U.S. Fancy Regular Cold Storage.

Red Delicious - Too few sales to quote; Stayman 100-113's 13.00-14.00 hias 15.00 loas 12.00; Rome 64-100's 9.00-10.00 best color 11.00.

The above price quotes are from the Appalachian Fruit Report, Federal-State Market News for Wednesday, January 28, 1987

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Glen Simonton
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Christian Farmers
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Tobacco received by warehouses prior to Jan. 1, 1987 will be re-weighed.

ATTENTION
NEW SALES SCHEDULE
Monday, Feb. 9 - P.T.A., Intercourse - 9 a.m.
Monday, Feb. 9 - P.T.A., Quarryville - 1 p.m.
Tuesday, Feb. 10 - Garden Spot, Blue Ball - 9 a.m.
Tuesday, Feb. 10 - Paradise Tobacco, Paradise - 1 p.m.

The tobacco auction system is working for you. For most growers, the auction system has provided the best opportunity to turn crop into cash. For some growers, the auction system has been the only opportunity to receive an offer.

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Garden Spot Tobacco Auction
717-354-6934

Greencastle Livestock

Greencastle, Pa.
Monday, Feb. 2, 1987

CATTLE 578. SLAUGHTER STEERS: Choice & Prime 60.00-64.00, few to 65.25; Good & Choice 54.00-61.00; Good & Choice — Holstein 50.00-55.50; Standard & Good Holstein — 45.50-50.50.

SLAUGHTER HEIFERS: Choice 57.50-61.50, few to 64.00; Good & Choice 53.00-58.75; Standard & Good 47.00-53.75.

COWS: Utility & Commercial 40.00-45.00, few to 47.00; Cutter & Boning Utility 38.00-45.75; Canner & Low Cutter 38.50 & down.

BULLS — ALL WEIGHTS: Yield Grade 1 50.00-55.75, few to 57.00; Yield 2 44.00-50.50.

STOCKER CATTLE — ALL WEIGHTS. Steers — Medium & Good 55.00-65.00; Heifers — Medium & Good 49.00-57.00; Bulls — Medium & Good 47.50-54.00; Steers — Holstein 40.00-47.00.

CALVES 456. Good & Choice — 125 to 250 pounds 80.00-96.50; Medium & Good — 125 to 250 pounds 65.00-85.00; Medium & Good — 80 to 120 pounds 54.00-69.00; Light & Cull — all weights 54.00 & down; Holstein Bulls — return to farm up to 114.00; Holstein Heifers — return to farm up to 70.00.

LAMBS, SHEEP & GOATS 31. Choice Lambs 79.00-87.00; Medium & Good Lambs 67.00-78.00; Light & Cull Lambs 55.00-65.00; Sheep, Ewes & Bucks 26.00-33.00; Goats — all sizes (by head) 18.00-49.00.

HOGS 160. No. 1-3 Butcher Hogs — 190-225 pounds 46.25-50.00; No. 1-3 Butcher Hogs — 225-250 pounds 48.00-50.10; No. 1-3 Butcher Hogs — 250-300 pounds 46.00-49.00; Good Butcher Sows — 400 pounds down 43.00-48.00; Good Butcher Sows — 400 pounds up 44.00-49.00; Heavy Boars — over 300 pounds 34.00-35.50; Pigs—all sizes (by head) 25.00-49.00.

Sale every Monday afternoon at 3:30 p.m.; Hay & straw sale every Monday at 1:00 p.m.

51 loads.
Alfalfa 140.00-160.00/ton.
Timothy 100.00-130.00/ton.
Mixed 90.00-118.00/ton.
Straw 80.00-95.00/ton.

Belknap Livestock Auction

Dayton, Pa.
Wednesday, February 4, 1987
Report Supplied by PDA

CATTLE 72...PDA...Compared with last Wednesday's market: Choice sl. steer, individual 56.50, Good, individual 870 lbs. 49.75, one Standard 46.00. Couple Choice sl. heifers 51.75&53.50, few Good 46.75-51.75, couple Standard 43&43.25. Cutter and Boning Utility sl. cows 38.00-43, Canner and Low Cutter 32.00-38.75, Shells down to 29.00. Yield Grade No. 1, individual 1790 lbs. sl. bulls 48.50, one No. 2 1210 lbs. 43.00. Feeder Cattle: Few Large Frame No. 2 635-760 lbs. holsteins 36.50-38.25. Few Medium & Large Frame No. 2 420-480 lbs. heifers 43.50-45.25. Few Medium Frame No. 1 430-670 lbs. bulls 53.50-63.50.

CALVES 101...Choice, individual vealer 90.00, individual Good 64.00, Standard and Good 90-110 lbs. 50.00-56, 60-85 lbs. 38.00-51, few Utility 45-60 lbs. 31.00-36.00. Farm Calves: Holstein Bulls 90-125 lbs. 68.00-96, one 105.00. Beef cross bulls and heifers 65-90 lbs. 55.00-72.00.

HOGS 108...Barrows & Gilts .50 to $1 higher. US No. 1-2 230-240 lbs. 48.90-49, 1-3 220-255 lbs. 48.50-48.80, lot 47.00, lot 2-3 277 lbs. 46.80, few 1-3 195-205 lbs. 45.00. Few US No. 1-3 335-570 lbs. sows 40.00-47.00. Couple Stock light weight Boars 40.00&48.00.

FEEDER PIGS 82...Lot US No. 1-3 10 lbs. feeder pigs 17.00, 20-35 lbs. 21.00-31, 35-40 lbs. 37.50-39, lot Utility 25 lbs. 25 lbs. 19.50 — all per head.

SHEEP 11...Few Good 75-95 lbs. wool sl. lambs 64.00-73.00. Couple Slaughter ewes 15.00&20.50.

GOATS 7...Medium 20.00-32.00 — per head.

Keister's Middleburg Livestock Auction

Middleburg, Pa.
Tuesday, February 3, 1987
Report Supplied by PDA

CATTLE 436... Report is supplied by auction ...High Choice and Prime sl. steers 64.00-66.75, Choice 61.00-64.85, Good 58.00-60.85, Standrd 52.00-58, Utility 48.00-52.00. Choice sl. heifers 60.00-63.25, Good 56.00-60, Standard 50.00-60, Utility 45.00-50.00. Breaking Utility and Commercial sl. cows 40.00-45.75, few 46.50, Cutter and Boning Utility 38.75-42.75, Canner and Low Cutter 35.50-38.75, Shells down to 32.00. Choice sl. bullocks 56.00-58.50, Good 54.00-56.00. Yield Grade No. 1 sl. bulls 48.00-52.85, No. 2 44.35-48.00. Feeder Cattle: 350-700 lbs. steers 55.00-65.50.

CALVES 204...Choice vealers 80.00-97, Good 70.00-80, Standard and Good 90-110 lbs. 50.00-60, 60-90 lbs. 40.00-50.00. Farm Calves: Holstein Bulls 85-125 lbs. 60.00-70.00.

HOGS 388...US No. 1, 220-235 lbs. barrows and gilts 52.75-53.75, 1-2 210-245 lbs. 51.50-52.75, 2-3 200-250 lbs. 50.50-51.50, 2-4 190-270 lbs. 46.00-50.50. US No. 1-3 280-650 lbs. sows 40.00-44, 2-3 270-550 lbs. 32.00-40.00. Boars 38.00-39.75.

FEEDER PIGS 454...US No. 1-3 20-35 lbs. feeder pigs 35.00-45.00, 35-50 lbs. 45.00-65.00 — all per head.

SHEEP 38...Choice wool slaughter lambs 80.00-97, Good 65.00-80.00. Slaughter ewes 25.00-35.00.

GOATS 0...No market test.

Westminster Livestock

Small Animals, Eggs, Produce
Tuesday, Jan. 27, 1987
All Prices Per Head

Crates Sold 66.
DUCKS: $1.25.
GUINEA PIGS: 2.25.
CHICKENS: $.50-3.40.
RABBITS: Large $4.00-6.00; Med. $1.25-4.00; Small $1.00-3.00; Angoras $3.00-4.00.
Eggs 327 dz. All Prices Per Dozen.
Jumbo Brown .96-$1.01; Extra Large Brown .83-.89; Large Brown .68-.75; Medium Brown .62.
Extra Large White .75; Large White .62-.67; Medium White .60.

PRODUCE
Apples: ½ Bu. $2.50-3.00.
Cider: Gal. $1.40.

ATTENTION - DAIRYMEN & LIVESTOCK PRODUCERS!

INFORMATIVE MEETINGS ON HERD HEALTH AND PRODUCTION!

1) Tues., Feb. 10 - Holiday Inn - Hagerstown, Md.
2) Wed., Feb. 11 - Holiday Inn - Chambersburg, Pa.
3) Thurs., Feb. 12 - Heritage House Rest. - Shippensburg
4) Fri., Feb. 13 - Harvest Drive Rest. - Intercourse

Feeding Times 10 a.m. - 3:30 p.m.

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Speakers

Dr. John Whittaker, DVM, President Whittaker Associates, International consultant for the livestock feed industry, contributing writer of Herd Health Column, in Acres, U.S.A.

Jerry Brunetti, President of Agri-Dynamics, Inc., manufacturers and distributors of herd health products and services associated with wholistic programs.

TOPICS

Mycotoxins, Water Purity, Blood Ammonia, Immuno-therapy, Bio-Nutrition, Breeding, Mastitis, Somatic Cell Count, Calf Problems, Etc.

FOR RESERVATIONS CONTACT

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Butch Harbaugh - Waynesboro 762-1093
Gary Besecker - Chambersburg - 263-4781
Albert Ocker - Shippensburg 532-7167
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Livestock market and auction news

Farmers Livestock Auction

Duncansville, Pa.
Mon., Feb. 2, 1987
Report supplied by auction

CATTLE 317. STEERS: H. Choice & Prime 61.00-61.75; Choice 59.25-60.75; Good 54.50-58.00; Standard 44.25-50.75.

HEIFERS: Choice 58.00-60.25; Good 50.00-55.75.

COWS: Utility & Commercial 44.00-48.25; Cutters 41.00-44.75; Canner & Low Cutter 35.25-40.25.

BULLOCKS: Good & Choice 51.00-54.75.

BULLS: Yield Grade No. 1 45.75-54.50.

FEEDER CATTLE: Steers Good 55.00-60.75, Standard 47.00-54.00; Bulls Good 53.00-58.50, Standard 44.00-51.00; Heifers Good 45.00-56.00, Standard 40.00-48.50.

CALVES 341. Prime None; Choice 84.50-92.00; Good 74.00-79.00; Standard & Good 55.00-67.50; 90-110 lbs. 55.00-65.00; 65-90 lbs. 48.00-54.00; Holstein Bulls 90-130 lbs. 92.00-116.00; Holstein Heifers 90-130 lbs. 55.00-72.50.

HOGS 152. US No. 1-2 50.00-52.50; US No. 1-3 49.50-50.25.

SOWS: US No. 1-3 42.00-45.75. Boars 37.00-40.00.

FEEDER PIGS 46. US No. 1-3 20-35 lbs. 25.00-34.50 per head; No. 1-3 35-50 lbs. 36.00-50.50 per head.

SHEEP 17. Choice 76.00-81.00; Sl. Ewes 18.50-34.00; 6 Goats $22.50-48.00 per hd.

12 loads of Hay $61.00-99.00 per ton; 5 loads of Straw $68.00-72.00 per ton.

Frederick Livestock

Monday, Feb. 2, 1987

BUTCHER COWS: Large run, steady to $1 higher. Good 41.00-45.00; Standard & Utility 37.00-40.00; Canners 32.00-36.00; Shelly 32.00 down.

BULLS: Good 44.50-45.75; Medium 42.00-44.00.

BUTCHER HOGS: Good run, $1.50 higher. 210-250 lb. 49.00-50.00; 260-290 lb. 47.00-49.00.

SOWS: 450-600 lb. 42.00-46.00; Thin Sows 300-425 lb. 35.00-41.00.

VEAL CALVES: $2 higher. Good-Choice 65.00-78.00; Standard 59.00-64.00; Stocky & Thin 50.00-58.00; Light Calves 46.00-53.00; Weak & Rough 45.00 down.

CALVES RETURNING TO FARM: Mostly steady. Holstein Heifers 90-120 lbs. 52.00-55.00; Holstein bulls 85-95 lbs. 60.00-80.00; 100-115 lbs. 85.00-100.00.

LAMBS: Good & Choice 78.00-80.00.

STOCK CATTLE: Good run, $2 higher. Steers Choice 61.00-65.50; Good 55.00-60.00; Medium 50.00-54.00. Heifers Choice 51.00-54.00; Good 46.00-50.00; Medium 40.00-45.00; Bulls Choice 60.00-65.00; Good 54.00-59.00; Medium 49.00-53.00. Dairy Cows $450.00-725.00. Springing Heifers $500.00-700.00.

PIGS & SHOATS: Steady. By the head 20-50 lbs. 26.00-37.00; By the lb. 47.00-58.50.

Dewart Livestock Auction

Dewart, Pa.
Monday, February 2, 1987
Report Supplied by PDA

CATTLE 195..PDA...Compared with last Monday's market: Slaughter cows $2 to $5 higher. Few Low Choice 1130-1340 lbs. sl. steers 58.25-61.25, Good 51.75-58.75, Standard 45.00-51; few Good and Choice holsteins 49.75-56.50. Few Choice sl. heifers 59.25-61.85, few Good 50.25-55.50. Breaking Utility and Commercial sl. cows 41.50-46.25, Cutter & Boning Utility 38.75-44, Canner & Low Cutter 36.00-39, Shells down to 30.00. Few Yield Grade No. 1, 1265-2240 lbs. sl. bulls 48-55.50. Feeder Cattle: Few Medium Frame No. 1, 415-850 lbs. heifers 49.75-52.50.

CALVES 201...Few Choice vealers 92.00-105, few Good 70.00-95, Standard and Good 70-105 lbs. 50.00-58, few Utility 60-80 lbs. 42.00-50.00. Farm Calves: Holstein Bulls 90-125 lbs. 75.00-105, few to 117.50.

HOGS 41...Few Lots US No. 2-3 230-250 lbs. barrows and gilts 50.75-51.50. US No. 1-3 350-600 lbs. sows 41.00-44.25, few Medium 240-380 lbs. 33.25-40.50. Couple Boars 38.00&49.00.

FEEDER PIGS 74...US 1-3 20-40 lbs. feeder pigs 27.00-39.00, 45-65 lbs. 46.00-48.50 — all per head.

SHEEP 2...Slaughter ewes 14.00&20.00.

GOATS 0...No market test.

Philadelphia Potato & Onion

Thursday, February 5, 1987

ONIONS-DRY ABOUT STEADY 50-lb sacks US#1 or generally good quality Yellow unless otherwise stated ID-OR jumbo 11.50-12.00 mostly 12.00 medium-large 950-10.00 25-lb sacks Red large 800 CO jumbo 12.00 NY Globe type medium 900-10.00 MEXICO White jumbo 22.00-23.00 25-lb sacks White Boilers 900*.

POTATOES ABOUT STEADY 50-lb sacks US#1 size A washed or brushed unless otherwise stated Round Whites ME 5-550 mostly 525-550 large 6-650 LI 550 large 650 CANADA CD#1 PEI 5-550 mostly 525-550 large 625-650 Round Reds MN-ND 675 size B 950-10.00 Russets 50-lb carton count ID 70-80s 12.50-13.00 mostly 13.00 90s 11.00-12.00 mostly 12.00 100s 900-10.00 mostly 10.00 120s 900 WI 70-80s 10.00 90s 900 100s 700 CANADA CD#1 PEI 80s 10.00 90s 900 100s 750 New Brunswick 70s 900 80s 950 90s 900 100s 700*.

New Holland Sales Stables

New Holland Dairy
Wednesday, Feb. 3, 1987
Report supplied by auction

Reported receipts of 86 cows, 66 heifers, and 0 bulls. Market steady.

Load of PA fresh cows, 800.00-1450.00.

Load of Canada fresh cows, 500.00-940.00, springers 635.00-1000.00.

Load of PA fresh cows, 420.00-835.00.

Load of Perry Co. fresh cows, 620.00-1000.00.

Guernsey Herd, 20 Head, All Stage cows, 430.00-520.00.

Locally consigned cows 470.00-720.00.

The Total Picture

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To find out how your farm fits into the total picture, call or write the Agway Insurance agent who lives and works in your area.

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Livestock market and auction news

Philadelphia Vegetables

ASPARAGUS LOWER CA 15-lb crates & cartons extra-large & large 24.00-25.00 standard 20.00 13.5-lb cartons bunched 6s jumbo 30.00 extra-select 25.00 select & extra-fancy 20.00 fancy 18.00 small 15.00 MEXICO 13.5-lb cartons bunched 6s jumbo & extra-large 28.00 extra-fancy 20.50*.

BEANS-GREEN SUPPLIES LIGHT various bushel containers Round Green type FL handpicked 24.00-25.00 mostly 25.00 Kentucky Wonder type few 20.00*.

BEETS TX carton bunched 12s 500-600 24s 800*.

BROCCOLI LOWER carton bunched CA 14s 750-850 mostly 8-850 18s 8-850 AZ 14s 7-750 18s 750-800 FL 14s 700 TX 14s & 18s 6-650*.

CABBAGE ABOUT STEADY 1-3/4 bushel crates & cartons medium Green unless otherwise stated FL 6-650 Savoy 10.00 Red 10.00-12.00 TX 6-650 Red 10.00 NY 50-lb sacks Danish type 8-10s 450-500 Red few 900*.

CARROTS SLIGHTLY LOWER 48-1 lb film bags in film sacks CA medium-large 10.50-12.00 mostly 1L 50-11.00 FL medium 700-800 mostly 750-800 TX medium 900 50-lb sacks loose jumbo CA 850-950 FL 650-700 TX 650-800*.

CAULIFLOWER LOWER carton film wrapped CA 9s 700-800 12s 900 AZ 12s 900-11.50 FL 12s 900*.

CELERY ABOUT STEADY CA cartons 2-2-1/2 dozen 12.00-15.00 3 dozen 12.00 FL crates 2-1/2 dozen 10.00-10.50*.

CHINESE CABBAGE FL celery crate few 10.00*.

CORN Supplies insufficient to quote*.

CUCUMBERS HIGHER 1-1/9 bushel crates waxed medium unless otherwise stated MEXICO previous commitments 25.00 fair quality previous commitments 18.00 ordinary quality 20.00*.

EGGPLANT SLIGHTLY LOWER FL 1-1/9 bushel cartons 500-600 mostly 500*.

ENDIVE SLIGHTLY HIGHER FL 1-1/9 bushel crates 750-800 mostly 800*.

ESCAROLE SLIGHTLY HIGHER FL 1-1/9 bushel crates 7-750*.

GREENS ABOUT STEADY crates approximately 1-1/2 bushel bunched unless otherwise stated GA Collards, Turnip Tops, Mustard & Kale 600 FL Turnip Tops 500-600 TX 24s Collards & Kale 600 Turnip Tops 600-700 Mustard 6-650 MEXICO 20-lb carton Broccoli Rabe 15.00*.

LEEKS STEADY bunched 12s FL carton 12.00*.

LETTUCE-ICEBERG ABOUT STEADY carton 24s CA 800-10.00 AZ 900-10.00 film wrapped 850-950 30s 800 FL 600-700*.

LETTUCE-ROMAINE ABOUT STEADY AZ 24s carton few 10.00 crate 12.00 CA 24s carton 8-850 crate 13.00*.

LETTUCE-OTHERS Big Boston carton 24s CA 650-700 AZ few 800 FL few 700 Bibb FL carton 24s few 650-750 Leaf AZ carton 24s including Red 800-900 CA carton 24s including Red one lot 700*.

LETTUCE-PROCESSING No supplies*.

OKRA Too few sales to quote*.

ONIONS-GREEN ABOUT STEADY carton bunched 48s CA 900 AZ 650-700 MEXICO 700-850 mostly 8-850*.

PARSLEY ABOUT STEADY bunched 5 dozen curly unless otherwise stated FL 1-1/9 bushel crate including plain 900 CA carton 850-900 TX carton including plain 700-900*.

PEAS-GREEN Supplies insufficient to quote*.

PEAS-SOUTHERN No supplies*.

PEAS-SUGAR 10-lb crates & cartons per lb GUATEMALA & MEXICO 200*.

PEPPERS ABOUT STEADY 1-1/9 bushel cartons California Wonder type Green unless otherwise stated FL extra-large 11.00-12.00 large 900-10.00 mostly 900 medium 700-800 mostly 7-750 Red large 18.00 medium 10.00-12.00 Cubanelles large few 15.00 Longhots few 13.00 MEXICO medium 7-750*.

RADISHES LOWER carton Red 30-6 ounce film bags FL 4-450 mostly 450*.

SPINACH ABOUT STEADY Savoy type TX bushel baskets 700-800 clipped 600 flat type CA carton bunched 24s 750-800*.

SQUASH ABOUT STEADY FL 1/2 bushel carton Zucchini small-medium one lot 16.00 Yellow Straightneck Supplies insufficient to quote MEXICO lug Zucchini small-medium 12.00-14.00*.

SWEET POTATOES 50-lb carton Jewel type cured NC one label 13.00-14.00*.

TOMATOES SLIGHTLY HIGHER 25-lb cartons Pink to Light Red US combination grade or better unless otherwise stated Sales by Repackers FL one lot 5x6s 11.00 6x6s 10.00 Sales by Others FL 5x6s 900 6x6s 600-750 fair quality 5x6s 800 6x6s 500-650 Cherry type 12-1 pint flats FL 500-600 MEXICO fair condition 400*.

TURNIPS NJ topped 25-lb mesh sacks 450*.

Weekly Summary

Harrisburg, PA
Friday, Feb. 6
Report supplied by PDA
15 Livestock Markets

CATTLE: 593. Compared with 4705 head last week and 5523 head a year ago. Steers mostly steady to 1.00 higher; heifers mostly steady to 2.00 higher; cows uneven, steady to 1.00 higher; some weaknesses later half of week; bullocks and bulls mostly steady to 2.00 higher; steers High Choice & Prime No. 2-4, 64.25-67.25; Choice 59.00-64.25; Good 53.50-59.00; Standard 47.00-53.50; Choice heifers 55.50-60.75; Good 50.00-55.00; Standard 44.00-50.00; Breaking Utility & Commercial cows 41.00-45.00; Cutter & Boning 38.00-43.00; Canner & Cutter 35.00-39.00; shells 28.00; Choice bullocks 52.00-58.50; Good 50.00-56.00; few Standard 47.00-51.00; YG No. 1, 1000-2200 lb. 48.00-54.00; No. 2, 900-1575 lb. 41.00-48.00.

FEEDER CATTLE: Med. No. 1, 350-650 lb. steers 58.00-69.00; 650-900 lb. 52.00-58.50; few Large No. 2, 635-900 lb. 36.50-47.25; Med. & Large No. 1 heifers 300-850 lb. 49.75-59.50; few Med. & Large No. 2, 450-800 lb. 41.00-45.25; bulls few Med. No. 1, 375-750 lb. 50.00-67.00.

CALVES: 4032. Compared with 3514 head last week and 3528 head a year ago. Mostly uneven; few High Choice & Prime 100.00-109.00; Choice 85.00-105.00; Good 70.00-85.00; 110-130 lb. 55.00-70.00; 90-110 lb. 50.00-58.00; 65-85 lb. 38.00-50.00; hol. bulls 90-130 lb. 60.00-120.00; heifers 90-130 lb. 60.00-80.00; beef cross bulls and heifers 65-110 lb. 50.50-87.50.

HOGS: 4811. Compared with 3769 head last week and 5818 head a year ago. Mostly steady to 1.50 higher; No. 1-2, 210-245 lb. 49.50-53.50; No. 1-3, 210-250 lb. 48.00-52.00; No. 2-3, 220-260 lb. 47.00-51.50; No. 2-4, 230-285 lb. 46.00-50.50; No. 1-3, 150-200 lb. 42.00-45.00; sows steady to 3.00 higher; No. 1-3, 300-650 lb. 40.00-47.00; No. 2-3, 300-685 lb. 38.00-43.00; boars 32.00-40.00.

FEEDER PIGS: 1147. Compared with 776 head last week and 810 head a year ago. Steady to 4.00 higher; 20-35 lb. 27.00-39.00; 35-60 lb. 39.00-65.00.

2 GRADED FEEDER PIG SALES: 1500. Compared with 615 head last week and 1635 head a year ago. Weak to 10.00 lower; instances 20.00 lower on weights 50-60 lb.; 20-40 lb. 126.00-166.00; 40-50 lb. 107.00-127.00; 50-60 lb. 95.00-119.00; 60-80 lb. 74.00-103.00; No. 2-3, 40-50 lb. 81.00-86.00; 50-70 lb. 69.00-78.00.

SHEEP: 686. Compared with 376 head last week and 588 head a year ago. Wool lambs steady to strong; High Choice & Prime 80-110 lb. 82.00-90.00; Good & Choice wool lambs 75-100 lb. 64.00-80.00; few Choice & Prime 40-75 lb. new crop lambs 115.00-135.00; sl. sheep 14.00-29.00.

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Thursday, February 5, 1987

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VEAL CARCASS HIDE ON CHOICE AND PRIME (SPECIAL FED) 50 HEAD 220 280 LBS FEW 152 00 WEAK

GOOD AND CHOICE BONING TYPE HIDE ON NORTHEASTERN SUPPLIERS 285 HEAD
65 75 LBS 90 00 STEADY
55 64 LBS 88 00
45 54 LBS 86 00
35 44 LBS 84 00
34 LBS DWN 82 00
INSHIPPED 600 HEAD
71 80 LBS 92 00 1 00 HIGHER
61 70 LBS 90 00
51 60 LBS 88 00
41 50 LBS 86 00
30-40 LBS 84 00

BONELESS BEEF 1 5 LOADS (US AND CANADIAN ORIGIN) 1 5 90% CHEM LEAN FRESH 114 00 NO COMPARISON

COMPARED TO LAST WEEK CHOICE AND PRIME SPECIAL FED VEAL 3 00 INSTANCES 6 00 LOWER GOOD AND CHOICE BONING VEAL GENERALLY STEADY INSHIPPED 1 00 TO 2 00 HIGHER CHOICE AND PRIME LAMB NOT ESTABLISHED NO COMPARISON AVAILABLE FOR BONELESS BEEF

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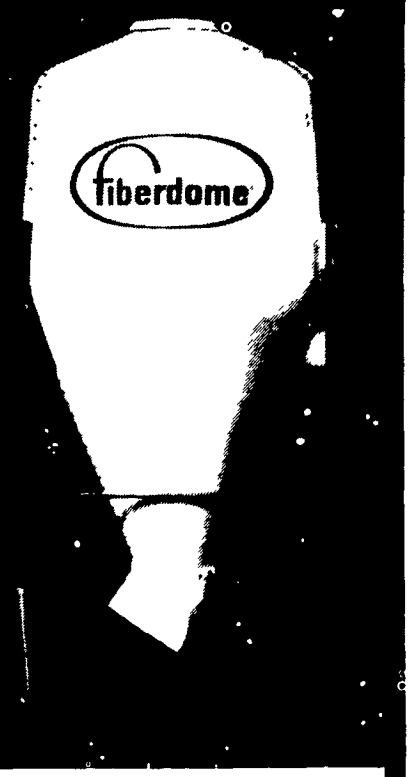

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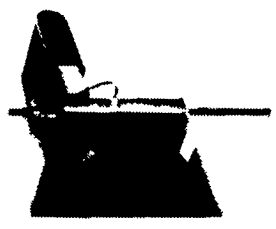
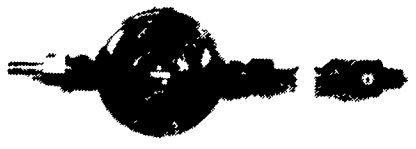
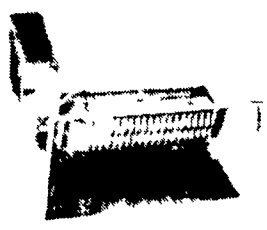


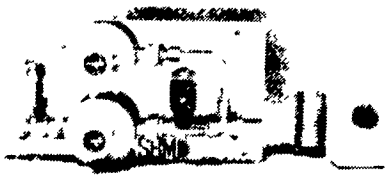
SUNNY PIG 2
2,200 to 4,400 BTU



GROUP CONTROL



SUNNY PIG 3
2,500 to 5,000 BTU



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Guernsey Meeting Plans Listed

WAYNESBORO — The Pennsylvania Guernsey Association will host its 56th annual meeting on March 6 and 7 at the Sheraton Inn at Station Square in Pittsburgh.

Highlights of this year's meeting include the business meeting, the president's reception, MAGS meeting, 1987 National Guernsey Convention planning meeting, awards luncheon and a chance to explore Station Square — the site of the National Convention, May 22 to 25.

Registration opens on Friday, March 6 at 1:30 p.m. with the annual business meeting following at 2:30. The president's reception will start at 4 p.m. A formal evening meal is not planned, providing those in attendance the chance to explore Station Square, the city of Pittsburgh or to socialize with fellow Guernsey breeders.

Saturday will start with the Middle Atlantic Guernsey Sires Meeting at 8:30 a.m. Running concurrently with this meeting will be the junior breeders' meeting

Committees for the National Convention will meet at 10 a.m.

At 12:30 p.m. the awards luncheon will commence and feature adult and junior production awards, open and junior All-Pennsylvania awards and the crowning of the 1987 Pennsylvania Guernsey Queen.

Meal reservations with payment are needed by Feb. 20. Checks should be made payable to PA Guernsey Breeders Association and mailed to Jean Celestine, RD 2, Box 125, Scenery Hill, PA 15360.

Room reservation are needed by Feb. 20 and must be made by contacting the Sheraton Inn at Station Square, 412-261-2000. Room rates are $69 plus tax for a double or single with children under 18 staying free in the same room as their parents. To secure the above rates it is necessary to specify the reservations are with the Pennsylvania Guernsey Breeders.

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Wed., Feb. 18th, 12 Noon - John Collins, Indianapolis, Indiana - Discussing Nuts & Bolts - Believe It! 89¢/Lb.

Thurs., Feb. 19th, 11:00 AM
Our First - 1987 Ag Review

Fri., Feb. 20th, 12 Noon - Bill Shull, General Battery, Toledo, Ohio - Excellent Speaker - Don't Miss It!

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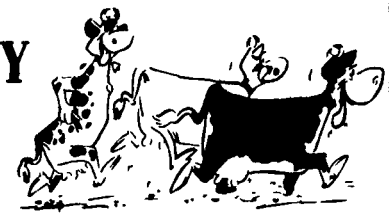

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Maryland Holstein Convention Slated For Feb. 20 To 21

FREDERICK — The Maryland state Holstein convention and sale will be held on Feb. 20 and 21 at the Carroll County Agricultural Center, Westminster.

Registration begins at 9:30 a.m. on Friday, Feb. 20. Jason Myers, convention chairman, is scheduled to open the convention at 10:30 a.m. Joseph Schwartzbeck, president, will follow Myers to the podium for the beginning of the annual business meeting.

At the business portion of the meeting the production awards and PBR awards will be presented by Clarence Stauffer, National Holstein Association consultant.

The juniors will discuss the possibilities of forming a junior Holstein club at 10:30 a.m.

Also beginning at 10:30 is the Ladies activity, a house tour to the homes of three active women in the state association. Those attending the tour will visit the homes of Kathy Hoff, Nona Schwartzbeck and Karen Hobson.

Lunch, by reservation only, will be held from 12:30 to 1:30 p.m. The business meeting and junior program lunch will cost $8 per person.

Following lunch at 1:30 p.m. Dr. Ronald Buffington, vice president of HIO Inc., will discuss the topic "Holsteins and Future Choices."

The junior dairy bowl contest begins at 3 p.m. Juniors ages 9 to 20 are invited to participate. The top six individuals will compete this spring for four spots to represent Maryland at the National Holstein Convention, June 21 to 24, in Indianapolis. The contest will include oral and written portions.

A complimentary social hour with a cheese table, milk punch and stronger spirits will begin at 6 p.m.

Toastmaster William Powel III open the banquet at 7 p.m. Marlin Hoff will sing the Lord's Prayer for the invocation. The evening meal, at a cost of $10 per person, will be a turkey and oyster dinner with a make your own sundae dessert table.

Following remarks by Maryland Dairy Princess Kaylena Martin at 8 p.m., the youth judging and dairy bowl teams will be introduced. Judy Iager will present the scholarship awards and Donna Myers will present the junior Holstein member awards. Ron Buffington will conclude the program with a musical slide presentation entitled "God Bless."

Entertainment for the evening program begins at 9:30 p.m. with a disc jockey providing music for the group to dance to.

At 11 a.m. on Saturday, Feb. 21, the annual convention sale begins. The sale will showcase some of the top genetics in the Mid-Atlantic area.

A wall hanging, donated by Mrs. Sidney Lease, will be auctioned before the sale on Saturday. The hanging was crafted and quilted by Mrs. Lease. Proceeds from the sale will be donated to the treasury of the new junior Holstein club.

Hotel reservation are needed by Feb. 10 for the convention and should be made directly with the Quality Inn, 451 WMC Drive, Westminster, MD 21157, Phone: 301-857-1900. When contacting the hotel, specify attendance at the Holstein convention to receive the room rates of single, $39, and double, $45.

Meal reservations must also be made by Feb. 10. Checks should be made payable to the Carroll County Holstein Club and sent to Charles and Ann Lethbridge, 4770 Middleburg Rd., Union Bridge, MD 21791, Phone: 301-775-2552. Prices are: business and junior lunch, $8 per person; ladies tour, $7 per person; and banquet, $10 per person.

MARYLAND STATE CONVENTION AND SALE
Westminster, Maryland

Friday, Feb. 20, 1987

9:30 a.m. -	Registration - Milk, Donuts, Coffee
10:30 a.m. -	Welcome Annual Business Meeting Production Awards PBR Awards
10:30 a.m. -	Junior Holstein Program
12:30 p.m. -	LUNCH - BY RESERVATION ONLY
1:30 p.m. -	Speaker - Dr. Ronald E. Buffington Vice President, HIO, Inc. Topic: "Holsteins and Future Choices"
3:00 p.m. -	Maryland Junior Holstein Dairy Bowl
10:30 a.m. -	**Ladies Activities** Depart for House Tour Tickets by Reservation Only
6:00 p.m. -	Complimentary Social Hour - Cheese Table, Milk Punch and stronger spirits
7:00 p.m. -	Invocation Turkey & Oyster Dinner - make your own Sundae Dessert Table
8:00 p.m. -	Maryland Dairy Princess Introduction of 4-H & FFA Judging Teams & Dairy Bowl Teams Scholarship Awards JR Holstein Member Awards Musical Slide Presentation "God Bless"
9:30-12:20 -	Socializing & Dancing - Music by Disc Jockey

Saturday, February 21, 1987

11:00 a.m. -	Maryland Convention Sale

Dairy Days Slated For Lycoming, Chester Counties

Extension agents in Lycoming County and Chester County have scheduled Dairy Day for their respective counties.

Lycoming County

In Lycoming County Dairy Day will be held at the Lycoming Mall Community Room on Tuesday, Feb. 10. Dr. Dick Adams, Penn State dairy nutritionist, begins the presentations at 10 a.m. with a discussion of new concepts in feeding dairy cows.

Dr. M.J. Popp, Lewisburg veterinarian, will talk about how to keep calves and heifers healthy.

Following noontime break, Adams resumes the presentations by talking on about how to fine tune concentrate feeding for dairy cows.

Lehan Power, extension farm management specialist, will discuss how to stay competitive in the dairy business. The specialist will also answer questions concerning over-order pricing.

No reservations are needed for Lycoming's Dairy Day.

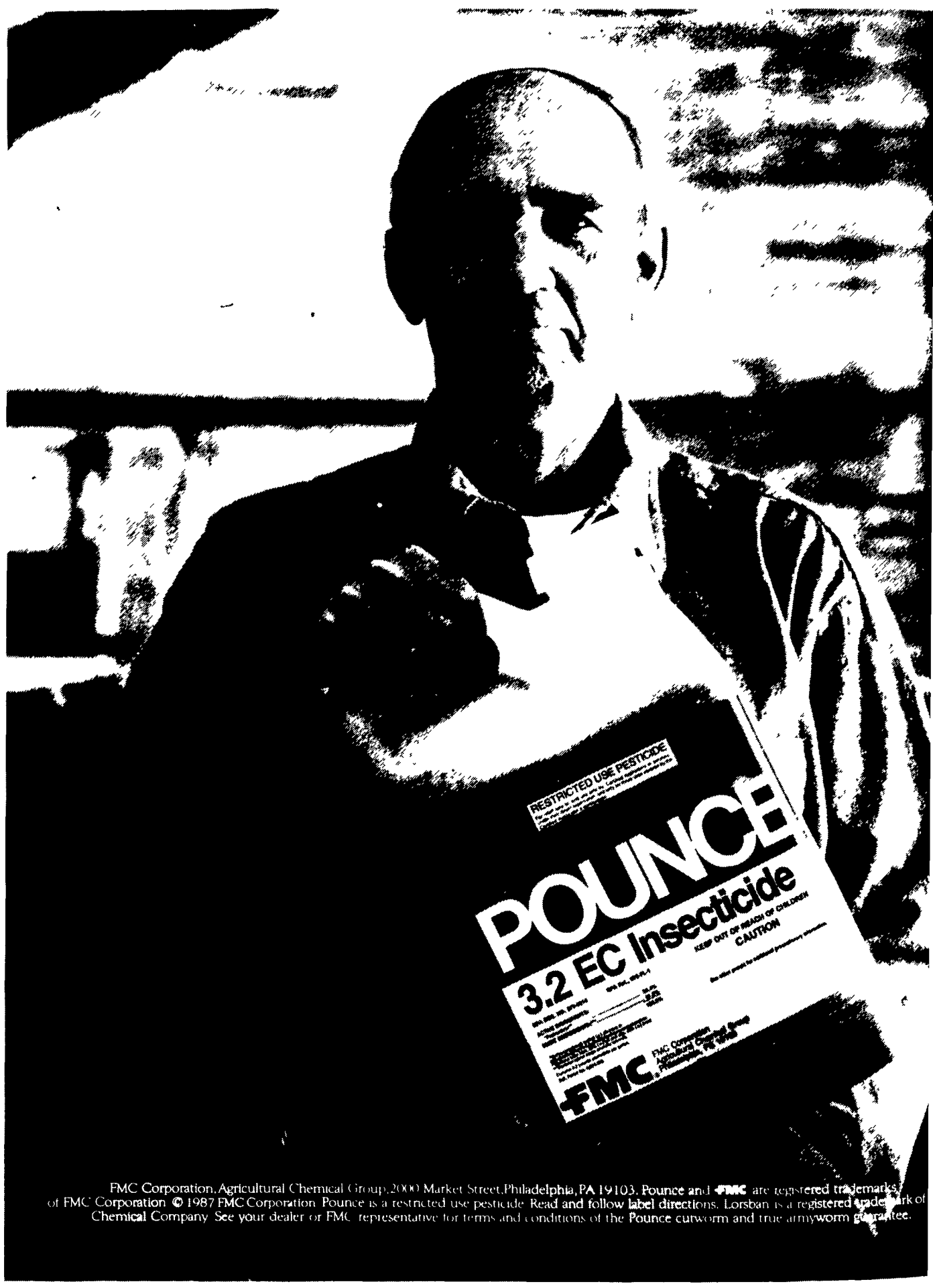
Chester County

Scheduled for Thursday, Feb. 26 at the Sadsburyville Firehall, Chester County's Dairy Day begins with a presentation by Dr. Micheal O'Connor, Penn State extension dairy specialist, on new developments in reproductive management.

Dr. Larry Jenkins, Penn State extension farm management specialist, follows with a discussion on keys to a farmer's future in dairying. Dave Swartz, Chester County extension agent, rounds out the morning session by talking on water quality for dairy farms.

In the afternoon, O'Connor talks about ways to increase profits with herd reproductive records. Jenkins concludes the program with an explaination of the affects of the 1986 tax reform act.

Reservation at $4 per person are needed at the Chester County extension office by Feb. 19. The reservations should be sent to Dave Swartz, Chester County Cooperative Extension Servic, 235 W. Market Street, West Chester, PA 19382.



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1987 Milk Prices Hinge On Restrained Production

INTERCOURSE — Prices will record modest gains in the next few years if dairymen restrain production after the buyout program ends in August.

The buyout will continue to influence milk support prices into 1989. "It's having an impact. But having a greater impact are those who bid and didn't get into the program," Eastern Milk Producers' economist explained.

Joseph Mathis

Speaking at an informational meeting held on Tuesday at the Harvest Drive Restaurant, Joseph Mathis said that for every producer who signed up in the buyout program, Eastern and Dairylea are loosing two producers due to sellouts.

The buyout, designed to quickly reduce the amount of milk purchased by the government by 12 billion pounds, removed over 950,000 animals by Jan. 2., the two-third completion mark.

Farmers with relatively low debt loads were able to bid low and were accepted. Acceptance was also concentrated around major metropolitan areas of the state, Mathis noted. "In areas around major cities there is a lot of pressures on the land for other purposes such as industrial and housing developments," the economist said.

With the influx of industry, work opportunities other than farming become available, he added.

When the program ends in August "there is going to be some recovery, but not as much as after the diversion program," Mathis speculated. He explained that after the diversion program milk production skyrocketed because participating farmers were in a position to "plow the feed back to the cows." Plus, all the heifers and cows could have remained on the farm participating in the diversion program.

With the buyout program, the cows will be destroyed as well as their calves and heifers, Mathis noted. All the production capacity of a farm will be removed and the participant must stay out of dairying completely for five years. "Most likely they'll stay out," he added.

According to Farm Credit numbers, he said, there is not much borrowing power out on the farms. This will prevent expansion. However, moderate production increases will continue through the use of better genetics and management, he said.

Milk production per cow has steadily improved at a yearly rate of 2 to 2.5 percent. Total milk production is tied to this number and changed by the number of cows in the country, he explained. In 1985 feed was cheap and low producers were culled. The net result was an increase in milk per cow at the end of the diversion.

There will be no big surge in production until the end of 1989 when the bovine growth hormone is approved, he said. Mathis explained that the general feeling of the pharmaceutical companies developing BGH is that it will be on the market in the end of 1989.

Problems started to develop in the dairy industry in 1980. Between 1976 and 1979 "supply and demand were in balance," Mathis explained. After that time, the government "increased the support price without regard to the market" and commercial use dropped, he continued. The price increased every six months by 50 cent increments.

Farmers responded to the increased prices by increasing production, he stated. When the government purchases reached an excessive amount, the government responded with the diversion program.

The diversion program worked, Mathis said. It removed 2.5 percent of the production which otherwise would have been added to the milk surplus. The diversion program reduced the amount of government purchases while it was in effect.

In 1986 he estimated government purchases at 10.6 billion pounds. "I think in 1987 this amount will continue to drop," the economist said. In 1988 he predicts the supply-demand conditions will be tight enough that the government will purchase less than 5 billion pounds of milk.

The secretary of agriculture has the authority to drop the support price by 50 cents if it looks like the government will buy over 5 billion pounds of product on Jan. 1, 1988, Mathis said. Potentially, under current law, the price could drop by 50 cent on Jan. 1 of 1989 and 1990, he added.

1988 is going to be a close call if the price drops or not, he explained. "Most likely what we hope will happen is that it'll stay the same."

A bill currently under consideration, and one which the dairy cooperatives are supporting, would trigger a limited buyout instead of a 50 cent price drop on Jan. 1 of 1988, 89 and 90, Mathis said. The co-op are hoping to sell the bill without an assessment to the farmer. Mathis said the government can save $16 per hundredweight by not buying the milk. The government would also not have the storage costs on that milk.

"It looks as though the worst is over. We had a general drop in milk price since 1981. We should get some improvement in price but it won't be much," Mathis said.

The moderate price improvement hinges on the farmers controlling milk production. In 1985 prices dropped because of a sharp rise in production. "We got back into record production after the diversion program," the economist explained.

Since August prices have been better than a year ago, Mathis pointed out. In 1984 he predicts prices will be lower than 1984 but better than 1985. Yet, he added, the second half will not be as good as the second half of 1986, prices will level off.

In Federal Order 2 in 1987, dairy farm numbers are expected to drop by 6.3 percent compared to 1986. The reduction will range from 7.6 percent in the first half of the year to 3.5 percent in the second half, Mathis explained.

However the output per cow is expected to grow by 3.6 percent. The trend will be opposite the farm reduction with greatest increase coming at the end of the year, he added.

The net result of the two trends, Mathis explained, will be the Class 1 and Class 2 markets coming closer together. Milk manufacturers have witnessed a 6 percent decline in Class 2 milk availability. Eastern has temporarily closed its Grover cheese plant because of the supply reduction.

Commercial use which has had an "unprecedented increase" since 1983 will also level off. "I don't think the trend is going to continue. We won't be able to sustain the rate," he speculated. While increases have been recorded at 7 percent in past two years, he predicted an increase of 2 percent could expected in 1987.

While conditions appear good, they are not super and something could happen to drop the price, Mathis cautioned.

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Proposed Dairy Expo Could Be Largest On East Coast

BY ED SHAMY
Northampton Co. Correspondent

BETHLEHEM — Dairy farmers jealously guard their valuable time, and in the winter months when cooperative extension agents and feed dealers ask them to attend myriad seminars, they must pick and choose which sessions they will join.

Increasingly, farmers seem to be staying away from the small, county-oriented affairs, though many are reluctant to drive several hours to attend larger functions.

The need for a large dairy exposition is fueling a small group of agricultural leaders to begin batting around the idea of sponsoring such an event.

Eleven men met last week at the Holiday Inn in Bethlehem to discuss whether or not there is a need for a dairy exposition that could draw farmers and experts and dealers from a five-state region from Delaware and Maryland to New York.

Northampton County Extension agent Greg Solt said local farm leaders were heartened last year by the success of the Penn-Jersey Tillage Conference held at Lehigh University's cavernous Stabler Arena near Bethlehem.

About 600 tickets to the event were sold, and, despite a heavy February snowstorm, more than 500 farmers attended. The conference, which this year will be held in the arena on Feb. 17, made money.

"The Penn-Jersey Tillage Conference was a success because it filled a void," said Mike Fournier, Montgomery County extension agent. "Would a dairy exposition do the same?"

Dave Dunbar, Lehigh County agent, said the dairy exposition could help draw farmers who were turning away from the small, county-sponsored events. Dunbar admitted there is financial risk involved, but said he'd be willing to cancel his local technical seminars next year in favor of the dairy exposition.

The men, representing Penn State and its New Jersey counterpart, Rutgers University, as well as agri-businesses, didn't so much as set a date for the exposition or even decide how many days it should run.

They settled instead for answering one simple question: Is it needed?

Solt cited figures that there are 665 dairy farms in Northampton and surrounding counties; about 1,115 dairy farms within an hour's drive and 2,000 dairy farms within a 90-minute drive.

He said he'd like to see farmers in his area drive to State College to mingle with dairy specialists at dairy functions, but found it difficult to convince dairy farmers to travel almost three hours for the events.

Stabler Arena, he said, could host the biggest dairy show of its kind on the East Coast by drawing dairymen with short drives from Pennsylvania, New Jersey and surrounding states.

John Ackerman, who runs the Fancy Furrows Farm Equipment business outside Easton, said he'd be willing to buy space to show his wares at a large-scale dairy show, but only if it were to last more than one day.

With one-day shows, dealers are hard-pressed to justify spending money to buy the space, and clean, load, unload and display their equipment while visiting relatively few potential customers.

Al Bair of the Atlantic Breeders agreed. As a potential advertiser, he said he'd like to see a large program that would draw many farmers before committing to advertising space.

"There's an awful lot of competition for that farmer's meeting time," said Bair. "You charge $200 exhibitor's fee for one day — maybe an hour and a half talking to customers — and that's tough to handle," he said.

The show would probably be designed to include dairy farming topics such as animal husbandry and forage production to attract a wide audience and to create a broad pool of potential exhibitors.

Educational seminars and a trade show would be highlighted by a keynote speaker under the proposals discussed at the session.

The men, who will meet again in early March, could not agree on when the meeting should be held. December was eliminated as a possible time because of the holidays. January is already chockful of meetings and February would conflict with the Penn-Jersey Tillage Conference.

Floyd Young of the Northampton County Farm Bureau Cooperative suggested a warm-weather, outdoor exposition. "The thing is not to find the right place, because they'll go if it's a good program, but the time," said Young.

Also attending the meeting were Warren County, N.J., extension agent Everett Chamberlain, Daniel Lausch of Lehigh Valley Farmers and Roy Alber, an Allentown-area Agway dealer.

The notion of a large dairy exposition won unanimous support, though one man at the meeting did express some apprehension.

Penn State extension dairy specialist Dr. Larry Specht said regional dairy shows were "nibbling away" at attendance at Penn State-sponsored programs in or near State College. "We're getting a bit nervous, but we'll do what we can to help this succeed," he said.

Support of Penn State and Rutgers extension workers is critical to making the show a reality, said Solt.

So is the group's success at wooing exhibitors and advertisers.

The Penn Jersey Tillage Conference last year boasted $17,000 in gross income, with nearly $9,500 coming from the trade show exhibitors.

After paying bills, including the $2,100 daily rental fee for Stabler Arena, the tillage conference ended up with a $5,000 profit.

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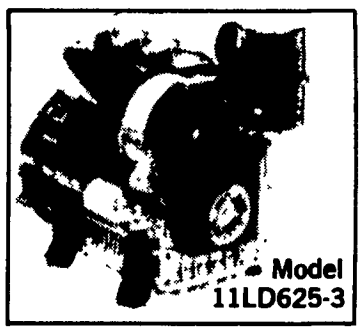

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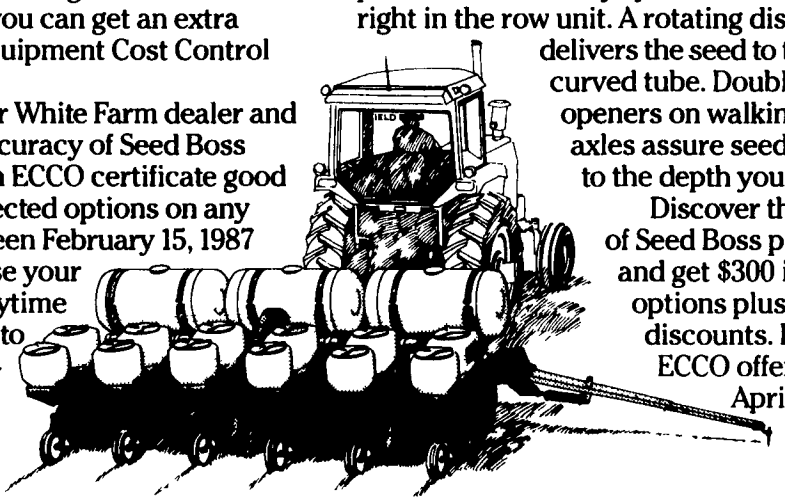

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Dairy Forecast

Where It Was In 1986, Where It Is Headed In 1987

Editor's Note: The following report examines what can be expected with milk production and prices in 1987 based on the trend established in 1986 and the early 80s. Jim Miller, USDA dairy division, originally prepared this report. Dr. Jack J. Kirkland, Penn State dairy marketing specialist, revised and updated the story.

The 1986 Situation

Price support purchases fell to low levels this fall. Farm and wholesale prices increased substantially during the latter half of 1986. Both situations resulted from the removal of substantial milk production capacity by the Whole Herd Buyout Program (Dairy Termination Program) in the form of cows, heifers and calves; growth in commercial use of milk; only small increases in production by dairy farmers not in the buyout program; and low levels of commercial stocks.

Milk production during October and November declined about 4 percent from 1985, a sharp contrast to large increases in early 1986. Cow numbers were down sharply due to the buyout program.

Data suggests that dairy farmers not in the buyout program increased cow numbers slightly last spring and have maintained that number since then. Total cow numbers for 1986 will average more than 1 percent below 1985.

Favorable milk-feed ratios have stimulated increased concentrate feeding and higher levels of milk per cow. Although output her cow in October and November increased less than 1 percent than in 1985, this increase was large relative to previous years that were not affected by the diversion program. For the year, milk per cow will be more than 2 percent above 1985 and about 6 percent above 1983. Milk production will total almost 1 percent above 1985 levels 143.7 billion pounds because of early 1986 levels.

Ave. Wholesale Pa. Milk Price ($/cwt.)

1986	1985	1984	1983	1982	1981	1980
12.61	13.08	13.90	13.96	14.01	14.23	13.61

Effective Ave. Pa. Wholesale Milk Price ($/cwt.)

12.12	12.80	13.30	13.46	14.01	14.23	13.61

Ave. Pa. Corn Prices ($/bu.)

2.29	2.76	3.55	3.44	2.65	3.38	3.23

After mid-1986, lower production, growing commercial use, and low commercial stocks triggered wholesale price increases. Butter and cheese prices increased significantly last summer and nonfat dry milk prices edged upward in the fall. Wholesale butter and cheese prices are on the verge of seasonal decreases that could be substantial.

Farmers received an average of $13.40 per hundredweight of milk in November, up 80-cents from November of 1985. The M-W price reached $11.91 in November, up 93-cents from the May seasonal low and 72-cents over November 1985. Due to decreases earlier in 1986, the 1986 average milk price will be about 30-cents per hundredweight below 1985 and about 55-cents lower when adjusted for assessments.

Farm milk prices will probably drop sharply this winter because of the seasonal return to surplus conditions and the lowering of the support price on Jan. 1.

Commercial Disappearance, Million Pounds

Jan. to Nov. 1985	Jan. to Nov. 1986	% Change
119.798	123,639	+3.2

Lower milk production and strong fluid milk sales reduced supplies for manufacturing during the period from July through October. Production of butter, nonfat dry milk, and American cheese (the major users of surplus milk supplies) fell sharply. Major manufactured products will use about 83 billion pounds of milk in 1986, about the same as in 1985.

Federal Order Average Prices ($/cwt)

	1986	1985	1984	1983	1982	1981	1980
F.O. 2 Blend	12.09	12.32	13.00	13.23	13.26	13.39	12.64
Effective	11.60	12.04	12.40	12.73	13.26	13.39	12.64
F.O. 4 Blend	12.66	12.90	13.67	13.85	13.80	13.95	13.20
Effective	12.17	12.62	13.07	13.35	13.80	13.95	13.20
F.O. 36 Blend	12.22	13.02	13.23	13.36	13.42	13.55	12.89
Effective	11.73	12.74	12.65	12.86	13.43	13.56	12.89

Commercial use of dairy products was less than 2 percent above 1985 during the period from July through October, following a gain of almost 4 percent during the second quarter of 1986.

Sales of cheese, fluid milk, and most other products had similar gains in the two periods. However, commercial disappearance of butter rose sharply from 1985 levels during the spring and dropped slightly during the period from July through October, a pattern probably more closely tied to changes in commercial stocks than to final sales. Sales during these periods indicate that growth in commercial use has probably eased from late 1985 and early 1986, but remains strong.

	PA	N.E.*	U.S.
No Cows	730,000	2,168,000	10,400,00
Net Change	—0.7%	—1.5%	—4.1%
	Production Per Cow- Lbs.		
	14,000	13,414	13,640
	+1.9%	+1.4%	+2.0%

*N E refers to the Northeastern region of the United States

Commercial stocks totaled 4.8 billion pounds (milk equivalent) on Nov. 1, about the same as in November 1985, but low for 1986s market conditions.

The tighter supply-demand situation in the fall of 1986 almost eliminated CCC removals. During October and November 1986, small cheese purchases were partially offset by some butter sold back to the industry. Purchases will probably resume before the end of 1986, but the 1986 annual total will stay below 11 billion pounds (milk equivalent).

Because of wholesale price increases, retail dairy prices in October 1986 were higher than both a year earlier and last spring. However, retail dairy prices continued to decline relative to prices of other foods. For all of 1986, retail dairy prices will average very close to 1985 figures.

	PA	N.E.	U.S.
Production-	10,293	29,081	141,700
Billion Lbs.	+1.2%	—0.2%	—2.3%

	ORDER 36	ORDER 2	ORDER 4	TOTAL N.E.
Milk Marketing-	3,823	10,990	6,475	27,789
Million Lbs.	1 5%	—5.9%	+0.9%	-2 7%
Class 1 Sales	2,000	4,676	3,065	13,033
Million Lbs.	+ 0.5%	—0.1%	+2 0%	+0 8%

The 1987 Outlook

The buyout program will continue to be the most important factor affecting the dairy industry during the first half of 1987. Production and CCC removals will be well below a year earlier. Basic economic forces will be increasingly apparent as the year progresses. It is unclear whether production increases by dairy farmers not in the buyout program will be greater than the increase in commercial use of milk during 1987.

What happens could indicate the extent of surplus production through 1990.

In 1987, milk per cow probably will increase 2 percent or more because of record-high milk-feed price ratios and heavier concentrate feeding. However, the incentive for dairy farmers not in the buyout program to expand cow numbers has diminished since the early 1980s.

Effective returns over concentrate costs probably will increase somewhat from 1985, but will remain below those of the early 1980s. In addition, threatened future reductions in the support price and increased sales of dairy farms may weaken cow numbers.

During the first half of 1987, milk production will probably be 2 to 4 percent lower than the same period in 1986. Total 19087 milk production is expected to fall from 1 to 3 percent.

Next spring's farm milk prices will likely be below those of 1986. The size of the second-half price rise in uncertain, although a moderate increase — probably similar to the one in 1986 — is expected. Such an increase would leave the 1987 average price slightly below the 1986 level. The effective price (adjusted for deductions) would be about the same as in 1986.

Prices will probably peak this winter and then will remain steady or decline slightly until early summer of 1987. Depending on the size of the second-half seasonal increase, 1987 retail prices could average 1 to 3 percent above 1986 levels.

	ORDER 36	ORDER 2	ORDER 4
Class 1 Price-	$13.35	$13.87	$14.46
	+1.1%	+1.8%	+2.3%
Class 2 Price-	$11.25	$11.28	$11.36
	—0.3%	+0.3%	+0.6%
Blend Price-	$12.37	$12.23	$12.87
	+0.6%	+1.3%	+2.0%

Manufactured product output will be down in 1987 due to lower milk marketings.

In 1987, declining real retail prices, economic growth, and heavy promotion (the driving forces in the 1983 to 86 gains) will probably increase commercial use from 1 to 3 percent, following 1986s 3 percent increase.

Rebuilding commercial stocks in early 1987 will absorb some of this winter's surplus dairy production.

Net CCC purchases in 1987 will fall substantially and will probably be in the range of 4 to 7 Billion pounds. Government dairy stocks might be low by late 1987.

	1983	1984	1985	1986*	1987**
PROD	139.7	135.4	143.7	144.9	142.0
FARM USE	2.4	2.9	2.5	2.3	2.3
MKTGS	137.3	132.5	141.2	142.6	139.7
BEG COM STOCKS	4.6	5.2	4.9	4.6	5.1
IMPORTS	2.6	2.7	2.8	2.8	2.8
TOTAL	144.5	140.4	148.9	150.0	147.6
COMM DISAP	122.5	126.9	131.1	134.6	137.0
END COM STOCKS	5.2	4.9	4.6	4.2	5.2
CCC PUR	16.8	8.6	13.2	11.2	5.4
TOTAL	144.5	140.4	148.9	150.0	147.6
FARM PRICE ALL MILK	13.57	13.45	12.73	12.25	12.30
F.O. 36 BLEND	13.36	13.23	13.01	12.30	12.37
AVG ANN ASSESSMT	.48	.60	.28	.49	.38
EFFECTIVE PRICE	12.88	12.63	12.73	11.81	11.98

*PROJECTED **FORECAST

KEY
PROD = Production
MKTGS= Marketings
BEG COM STOCKS= Beginning Commercial Stocks
COMM DISAP= Commercial Disappearance
END COM STOCKS= Ending Commercial Stocks
CCC PUR= CCC Purchases
AVG ANN ASSESSMT= Average Annual Assessment

Bucks-Montgomery Crops Day Scheduled

CREAMERY — The Bucks-Montgomery Crops Day is slated for Thursday Feb. 12 at the Meyers Restaurant, Quakertown.

Registration begins at 9 a.m. Phil Durst, Penn State extension agronomy project associate, is scheduled to talk about the use of starter fertilizer and nutrient management for the farm.

Dick Bailey, Bucks County extension agent will discuss the new Pennsylvania pesticide law.

John Yocum, senior research associate with the Penn State agronomy department, will explain soybean cultural practices, new herbicides and 1986 weed problems.

In the afternoon session Bailey will explain the use of boom sprayers and Durst will tell how to reduce nitrogen use.

Elwood Hatley, Penn State extension agronomist, will present a program on alternative crops and intensive cereal crop management.

Reservation for lunch or exhibitor space are needed by Feb. 10 Checks should be made payable to the Bucks County Extension Service, Neshaminy Manor Center, Doylestown, PA 18901.

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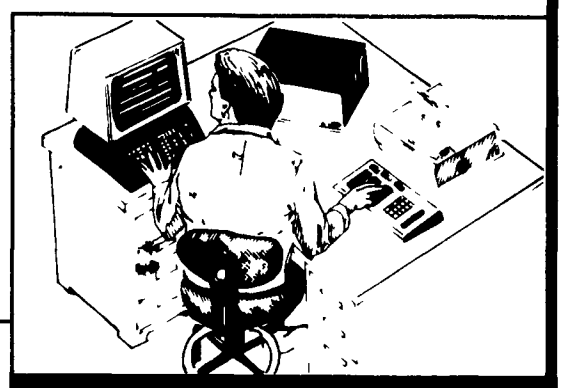

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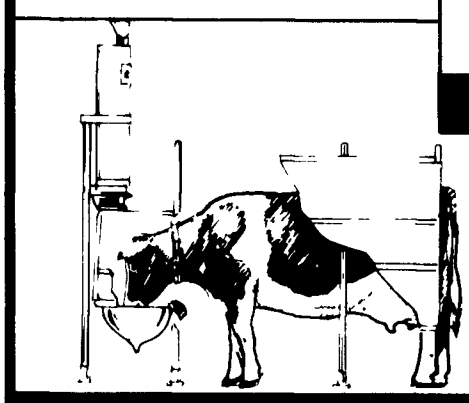

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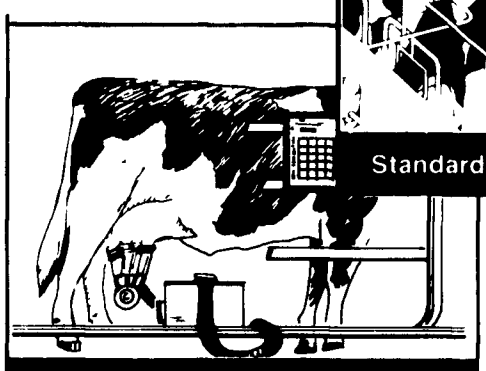

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NCGA Official To Address Corn Conference

The Pennsylvania Master Corn Growers invites all corn producers and agri-business personnel to the second annual Pennsylvania Corn Conference. The conference will be held Mar. 3 from 9:45 a.m. until 3:15 p.m. at the Embers Restaurant, Carlisle. Registration begins at 8:30 a.m. The program will revolve around the theme, "Innovations - The Cutting Edge."

The key speaker will be Al Tank, executive vice president of the National Corn Growers Association, and National Corn Growers representative in Washington, D.C. "Farm and Government Programs" is the topic of his presentation. Tank presents an honest, up-front presentation on political trends, USDA feed and grain programs, and government influence and regulations on farming. He advocates the government and producers are yoked in corn production. Tank will describe how and to what degree that relationship exists.

In addition, conference participants will have the choice of attending several other presentations.

Dr. Jon Carson, ag engineer from Penn State, will describe some innovative heat reclaimers for corn drying. There will be a panel of farmers who will describe some of their successful, innovative practices in corn handling and drying. These farmers designed their own handling and drying systems that are efficient and cost effective. Their operations are designed to their particular situation and could be used by other corn producers.

Dr. Donald Johnson, senior agronomist for Arcadian Fertilizer Company, will present some innovative ideas on how to fine tune nitrogen fertilization practices for more economical corn production. Fertility management is an area where producers can save some money without sacrificing yield. Johnson will explain how.

Betty Marose, a pest management specialist with the University of Maryland, will present a session on "Managing Problem Weeds". Practices such as split application of herbicides, pre and post emergent spray programs economic thresholds, weed scouting procedures, triazine spraying for weed control, including triazine-resistant weeds and new herbicides will be addressed by Marose.

The economic value of participating in a Crop Management Association will be discussed by Melvin Brown, crop management coordinator at Penn State. "Dollars and Sense" is the title of Brown's presentation. Management decisions based on timely information gathered by Crop Management technicians may mean the difference between a profit and a loss in a year of suppressed corn prices. Brown will look at areas where input costs can be lowered for corn production.

Jeffrey Patton, from the Pennsylvania Department of Agriculture's Bureau of Markets, will explain the possibility of a check-off program for Pennsylvania corn producers. Patton will discuss how the funds would be generated and how the money would be used, if the check-off program were put in place.

There will be a variety of commercial displays at the conference. Representatives from many major equipment, service and supply companies will be present to talk with interested individuals.

The deadline for obtaining luncheon tickets is Feb. 20, but registration is not necessary for the conference itself. For ticket information contact your County Cooperative Extension office.

4-H Livestock Banquet

(Continued from Page A1)

out wonderful," he recalls, pointing out that three of the calves chalked up three consecutive Farm Show grand championships. The three winning Herefords were immediately followed by two grand champion Angus steers, also shown by Lancaster County exhibitors. "That seemed to encourage our club, and after that it (enrollment) really jumped up," he points out.

Smith's efforts did not go unnoticed nationally, and in 1956 the American Hereford Association named him one of the top 10 county agents in the nation. Five years later he received the Distinguished Service Award from the National Association of County Agents.

Since his retirement, Smith keeps his hand in county 4-H activities by serving in an advisory capacity. In the past half century, both the livestock and the 4-H'ers themselves continue to improve, he observes. Today's cattle are much taller, longer and more rugged, he points out. "I think it's good to have the cattle more growthy than they were 50 years ago."

Patti Greider received the beef club's Red Rose 4-H award and Fritz Frey received the Jason L. Weaver Leadership Award.

And as for the exhibitors, Smith notes that, while it's harder to get young people to attend meetings now because of their increased scholastic and extracurricular demands, "I think the quality and ability is as good or better now than it was.

"If I had to do it over again, I'd do the same thing," Smith summed up after receiving a 50-year pin from the club in recognition of his longstanding involvement with 4-H.

The banquet featured many more awards presented by the Red Rose Beef Club and Woolies Club to club members and supporters. This was the second year for the

(Turn to Page A36)

Former Lancaster Extension agent Max Smith looked back on 50 years of service to the county's young people at the Lancaster County 4-H Livestock Banquet on Thursday. Behind him is club leader Elvin Hess who presented Smith with award.

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Pa. Young Farmers

Receiving the community service award were Dan and Donna Spangler of Mifflinburg. Here they receive congratulations from region 2 vice president Barry Geib.

Past president Dale Rossman passes on the gavel to his successor, Ronald O'Neil.

(Continued from Page A1)

Brothersvalley Chapter, and Donald and Gay Landis of the Tulpehocken Chapter.

The Outstanding Community Service Award was presented to Dan and Donna Spangler, dairy farmers from Mifflinburg. They own and operate a 60-cow dairy and crop 230 acres. The parents of two sons, they are active in the Holstein Association, PFA, 4-H, County Extension Service, Farm Credit, Agway and the Messiah Lutheran Church.

Other regional finalists were Donald and Cheryl Wenger of the Manheim Chapter, Franklin and Sarah Long of the Tyrone Chapter, David and Linda Countryman of the Berlin Brothersvalley Chapter, and Richard and Carol Kreider of the Cedar Crest Chapter.

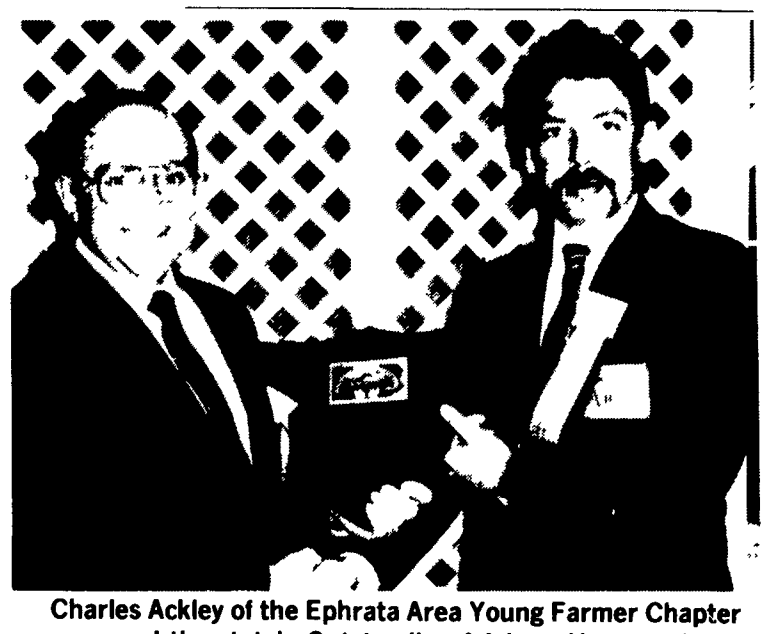
Also honored during Thursday's banquet was Charles Ackley, advisor of the Ephrata Area Young Farmers, who was named state Outstanding Advisor. The Outstanding Chapter Award went to the Mifflinburg Young Farmer Chapter.

Mindy Johnston of Gettysburg was named PYFA Spokesperson for Agriculture and will represent the state in national competition later this year. Johnston's speech advised shoppers on how to get the most from their food dollars. Her suggestions included listing targets or goals, taking inventory of existing supplies, scouting newspapers for bargains, and shopping with a full stomach.

Johnston and her husband, Thomas, are partners in a dairy operation of 1,100 Holsteins. They have four children, ages 2 to 8.

A new corps of state officers assumed their roles during the convention. They are Ronald O'Neil, president; Glenn Snyder, president elect; Fred Bohn, secretary; Donald Mooney, treasurer; Ruby Bollinger, public relations; and Dale Rossman, past president.

The new regional vice presidents are Barry Geib, region 2; Richard Weller, region 3; Harry Hilbert, region 4; Lynn Sanner, region 5; and Donald Landis, region 6.



Charles Ackley of the Ephrata Area Young Farmer Chapter was named the state's Outstanding Advisor. Here, region 5 vice president Lynn Sanner offers Ackley his congratulations.

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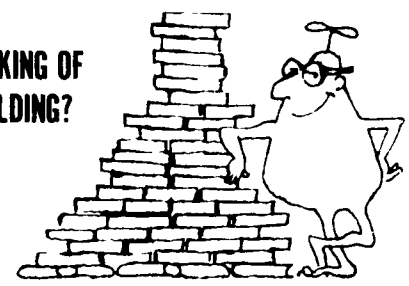

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Nutrition School, Day 2

A '3' Equals A '10' For The Ideal Cow Body Condition

BY JOYCE BUPP
York Co. Correspondent

YORK — While some athletes strive for a perfect score of 10, and school students favor earning perfect 100s, Penn State's Jud Heinrichs leans toward a score of 3 as ideal.

Or, at least Heinrichs sees "3s" as near perfection when evaluating cows for body conditioning, or the "fat cow syndrome."

The dairy specialist outlined his scale for "body conditioning scoring" during the second in a series of Extension nutrition schools being hosted in Berks, Lancaster and York counties. Dry cow management was the focus of the second session, featuring Heinrichs and a panel of local dairymen at each location.

Body conditioning scoring allows dairymen to evaluate their cattle on a scale of 1 to 5, to determine if animals are carrying adequate, too much or too little flesh to maintain production and fetus development. Only two areas of the cow's body, prone to visible fat layering, are considered: the tailhead, or area covering the pelvis from the pinbones to the peak of the tailhead, and the loin, or "short ribs" section, where the horizontal projections from the lumbar vertebrae form a ledge-shelf effect over the eye muscle.

"It's easy to walk down a row of cows and quickly look at these areas for body conditioning," Heinrichs advises. He urges dairymen to make frequent checks, of both dry and milking cows, using this scale to pinpoint underfed and overfed individuals. A score of 1 indicates severe underconditioning; a score of 5 means an overconditioned, obese cow.

A cow scoring 1 on the scale is "very sick or very malnourished for whatever reason," according to the dairy specialist. The "skin and bones effect" leaves the chine, loin and rump region sharp and prominent. Individual short ribs have limited flesh covering and can be easily felt through the hide. The area below the tailhead and between the pinbones is severely depressed, forming a cavity, and causing the area to appear extremely sharp.

Cows given a 2 score carry some flesh over the short ribs but are still thin enough that the ribs can almost be visibly counted, with a definite ledge and shelf formation. A caved-in effect is evident between the tailhead and pins.

"A cow ranked 2 should cause you concern about her protein and energy intake. She may not be eating, she may have breeding problems, and she is probably going to be too thin at dryoff," says Heinrichs.

The ideal 3 cow will have a bit of shelf-effect sharpness at the short ribs, but the individual bones can't be counted or sharply felt when touched. Tailhead should be smooth, but with no rounded patches of fat evident.

Cows at the 4 level of the scale are carrying too much flesh and show no shelf effect over the short ribs area. Herds with a great many over-fleshed animals may have ration balancing problems and are likely low in milk production.

At the upper end of the scale, or 5, are individuals Heinrichs likens to "Charolais headed for the butcher." Fat patches simply bury the tailhead prominence and the animal's bone structure cannot be felt under the heavy layer of fatty covering.

All herds will have some individuals in the 2 and 4 range of the scale. However, if more than a few 4s are found in late lactation cows, and fresh cows score as 2s, it should trigger concern about the feeding program. To better track a herd's body conditioning problem individuals. Heinrichs suggests that dairymen keep a record of body scoring on a monthly basis.

Dry Cow Feeding

Dry cow rations can heavily influence problems of too thin or too fat cows. A simple rule of thumb, says Heinrichs, is to aim for a ration made up of half corn silage and half orchard or mixed hay grass. A problem unique to the southeastern part of Pennsylvania is that alfalfa hays are often too high in protein balancing dry cow diets.

And, while overfeeding grain to dry cows can quickly lead to overfed, obese cows at freshening, total withholding of grain can lead to a later loss in production.

Small quantities of grain help maintain the delicate balance of microflora that must be present in a cow s rumen in order for it to properly handle feedstuffs and maintain the necessary acidic level for absorption of vital minerals. Total withholding of grain eliminates that desirable bacteria. At freshening, when grains are suddenly re-introduced to a cow's diet, often at high levels, the digestive system simply cannot utilize the feed without adequate microflora levels.

Recommended dry cow grain feeding level is .5 percent of the cow's body weight, or three to five pounds grain for a cow weighing 1,200 to 1,500 pounds. At freshening, grain should be boosted to 1 percent of body weight, and then increased about one pound per day to a maximum of 2 percent body weight by two weeks after fresh date.

For top producing individuals, grain intake can go to 2.5 percent body weight, with maximums of 30 pounds of grain for a 1,200 pound cow, 32.5 for a 1,300 pound cow, and 37.5 pounds grain for a cow weighing 1,500 pounds.

An exception is for heifers still maintaining body growth while malking their first lactation, and which may need higher grain poundages to meet those growth plus production demands on their systems.

Because cows lose a large volume of weight at calving, plus the additional drain milk production puts on their body systems, feed balancing at this stressful time is critical.

A cow freshening without proper feeding in the late dry period will probably never reach her proper milk production levels. An overfed cow may experience calving difficulties, and be more prone to metabolic disorders related to the dry period care and calving, including udder edema, milk fever,

Jud Heinrichs

ketosis, fatty liver syndrome and displaced abomasums.

Again, Heinrichs suggested an ideal, the division of aherdinto five separate groupings. This would allow the milking herd to be divided into recently fresh, early-to-mid lactation, and late lactation groupings, while dry cows would also be separated, splitting those within a month of calving into a separate feeding group.

Forages

While pasturing cattle is not an immediate January concern of Pennsylvania dairymen, Heinrichs also touched on the value of grazing cattle.

Both growth rates of heifers and milk production of mature cattle can be heavily influenced by quality of fresh pasture forages. In a past study on growth rates of heifers on pastures, researchers found young stock which grew taller during summer solely on pasture feeding, but actually lost weight from the beginning of the pasture season to the end.

The addition of legumes to grass-only plantings can greatly boost feed value and recovery after grazing of pasturing areas. A 16 to 18 percent protein level is not out of reach with a well-managed and fertilized stand of quality mixed pasture forage.

Strip grazing, or turning animals into separate stands every day or two, exposes them to fresh, highly palatable, grass more frequently, and helps to better maintain milk production and body growth. Again, splitting a milking herd can better utilize pasture forage, if high milkers are given first chance at fresh pasture, with late lactation cows following in rotation of grazing area.

Forage preservatives have seen increasing popularity in recent years to hold quality of stored feeds and boost nutrient levels. Some are worthwhile, according to Heinrichs, and others have proved less valuable. Most fell into one of four categories, as mold inhibitors, enzymes or anti-oxidants, nutrient and buffer materials, and inoculants.

Mold inhibitors are acid types which help stimulate the growth of bacteria to increase levels of acetic and lactic acid in the fermented product. While they work well on basically all crops, Heinrichs warns that mold inhibitors are not cost effective, except for use in high moisture corn.

Enzymes and anti-oxidants act as catalysts to speed up chemical reactions in the fermenting product. While they promote production of lactic acid, which inhibits undesirable bacterial growth, they work "only if it's going to work anyway." The dairy specialist labels them "good for corn silage, but expensive."

Forages lacking carbohydrates, such as grass, oats, or wheat, may be boosted with the use of nutrient and buffer additives, which feed the products that increase the carbohydrate level and mineral content. These type additives will guarantee a better fermentation process, plus help increase the dry matter level. One drawback is that some types must be stored under high pressure.

Inoculants are a live bacterial microorganism, Heinrichs stresses, which are easily destroyed and may need to be kept under cool conditions. Both direct sunlight and chlorinated water may destroy their effectiveness. They can be used in crops where added bacteria are beneficial.

Another possibility for forage preservation, and one much more heavily used in other areas of the country, is ammonia. Added at the the blower, it reacts immediately with the forage as it is blown into storage, but must have moisture to react properly.

Ammonia lowers re-fermentation, serves as a mold and growth inhibitor and reduces heating levels. The cheapest source of non-protein nitrogen, use of ammonia can boost silage protein levels to the 17 to 18 percent range.

30 YEARS AGO
THIS WEEK

- Two-hundred twenty-six more growers took advantage of the marketing facilities of the Lancaster Poultry Exchange in 1956 than in 1955, Levi H. Brubaker, president, reported at the annual meeting Jan. 17.

In all, 871 growers marketed 6,407,415 birds in 82 sales for an average price of 21.38 cents for the Tuesday sales and 20.65 cents for the Thursday sales. Sixty-two percent of the sales were on Thursday.

- Members of the Quarryville and Southern Lancaster County locals of Inter-state Milk Producers Cooperative were told Jan. 24 that adoption of a marketwide pool for the Philadelphia milk marketing area will cost either the producer or the consumer two to two and one-half cents a quart.

- Dairymen start receiving $5.95 a hundredweight for milk marketed in the Lancaster area today under a tentative order issued by the Pennsylvania Milk Control Commission.

- Pennsylvania was again second in America in both the number of Holstein registrations and the total of animals transferred last year.

- The potential 1957 crop of European corn borers found in U.S. corn fields last fall is smaller than the previous year's but still large enough to threaten economic damage, according to State-Federal surveys. The North-Central states showed reduced numbers of this costly corn pest, while a build-up of the insect's numbers occurred in Eastern states, the U.S. Department of Agriculture says.

- A herd average of 45.7 lbs. of butterfat won first place in the Progressive Dairy Herd Improvement Assn. in December for Charles Brosius. His cows averaged 925 lbs. of milk.

There were 18 herds with averages of over 35 lbs. of butterfat among the 103 herds tested. In all 3,442 cows were tested in December.

- Unsold Lancaster County tobacco will be marketed through the Lancaster County Tobacco Growers Cooperative Assn starting in about two weeks under a plan proposed Friday night by the coop manager, Mark S. Hess.

York Dairymen Discuss Dry Cow Management

BY JOYCE BUPP
York County Correspondent

YORK — A panel of four York and Adams county dairymen compared their dry cow management programs during the Jan. 27 second session of the Extension school on nutrition, hosted at the 4-H Center.

Included in the panel were Jed Beshore, New Cumberland, Allan Zepp, New Oxford, Peter Leise, Glen Rock, and Doug Cope, Dillsburg.

Beshore called dry cow management the "weakest link" in his dairying program. Due to a lack of facilities for separating dry animals from the 50-head milking herd, Beshore said he gives them no special attention until they freshen.

Instead, Beshore compensates by making sure late lactation cows get adequate grain to maintain body weight through the dry period. Free choice access to poorer quality hay and 10 to 15 pounds corn silage per day, fed at night, round out the dry cow's ration.

"It may not be the optimal for maximum return, but if it's successful with the least cost in equipment and facilities, we're better off; the less debt load, the better," figures the New Cumberland dairyman, whose herd averages over 22,000.

The 125-head in Allan Zepp's freestall facility are divided into two groups on a total mixed ration with a computer supplement feeder. At dryoff, cows are treated and immediately turned into the dry pens with bred heifers, sharing the same basic half hay and half corn silage ration.

Selenium is given three weeks prior to due date and at two weeks cows are started on a 12 to 13 percent protein grain mix. After freshening, they go into the high-production TMR grouping, and onto computer feeding after two weeks.

"I'm doing what they say I'm supposed to," says Zepp, with a herd average of over 18,000. "I don't know yet if it's paying the bills."

Leise moves late lactation cows into the lower of two groups in his herd of 80 head He aims at avoiding edema at freshening by eliminating salt and mineral free-choice access.

At dryoff, all cows are treated, with extra attention paid to individuals with mastitis history. Grass hay is the major diet, with occasional admittance to bunk feeder leftovers. Two weeks prior to freshening grain feeding is started, and at freshening, cows are moved into the higher, 65-pound production group. Parlor feed is withheld for the first two weeks, until production begins to show some increase.

"If a cow shows severe edema, I will premilk on occasion, and freeze colostrum. I like to manage for edema prevention," he says. Production for the herd averages over 17,000.

Getting cows in good body condition is Doug Cope's primary concern about his dry cow program. He follows DHIA recommendations and shoots for the optimal 60-day dry period, then withholds grain, dry treats and gives Vitamin A and selenium at dryoff.

Except during severe winter months, when they are housed in a separate wing of the 55-head stall barn, dry cows go out on pasture Small portions of grain, and a bit of hay "to slow the grass down," or milking herd feed leftovers, are included in dry cow rations.

About two weeks prior to freshening, another round of Vitamin A and selenium are given when animals are moved into the barn, clipped and cleaned up. Grain ration is upped and silage and alfalfa hay introduced.

"It takes about four weeks before I have them upped to the desired grain levels," Cope figures. The herd's current rolling milk production is just under 19,000 pounds of milk.

Keystone Cornucopia To Celebrate Agriculture's Bounty

HARRISBURG — The cornucopia, a Latin term which has come to signify prosperity, has also evolved into a symbol for America's agricultural bounty.

This symbolism was considered when naming the state's only dinner which offers a tribute to the entire agricultural and food industry community, according to Pennsylvania State Council of Farm Organization President Ivo V. Otto, Jr.

Otto noted that the final plans are underway for the annual feast, set for Monday, Feb. 9 at the Hershey Convention Center. The event begins with a 6 p.m. reception, followed by a 7 p.m. buffet.

Keystone Cornucopia tickets will be available at the door for $30 per person. However, a $5 discount is available to people who mention this newspaper when placing their order. Otto said the discount has been extended from Feb. 4 because the ticket order phone number was inadvertantly not included in ads which ran prior to that date.

"We feature Pennsylvnaia-produced foods stuffs," Otto said, "and offer an environment for fellowship. We also use this dinner as an occasion to offer a deep 'thank you' to the State Legislature for its past and future support."

"Even though we invite legislators to be our guests, we do not see this dinner as a forum to seek approval for specific pieces of legislation or policy. There are other times and other dinners for that purpose. This dinner is a celebration!" he continued.

Industry, farmer, legislative and regulatory government response have been positive, Otto said.

This year's event will feature a few changes from year's past, he continued. All ticket holders will be assigned seating, thus alleviating congestion in the move from reception to dinner and also allowing the State Council to seat legislators with appropriate constituents.

Moreover, both elected and appointed ag leaders will be seated at a head table, again a departure from recent years.

Featured speaker for the event is Lane Palmer, editor emeritus of "Farm Journal." Palmer has recently returned from a tour of New Zealand and Australia and will incorporate observations about their agriculture into his remarks.

For the uninitiated, Pennsylvania ranks first in the nation in both fresh and processing mushrooms as well as number of potato chip and pretzel plants, meat slaughtering plants and licensed bakeries.

Turning to the state's leading ag sector, dairy, Pennsylvania ranks second in the production of ice cream, sherbert and frozen dairy products while pulling a respectable fifth in butter production, milk and number of milk cows.

The thriving dairy industry also provides raw products for veal herds, where Pennsylvania has the third largest number in the country.

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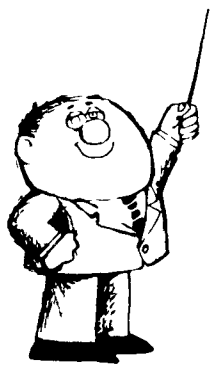

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ADA Annual Meeting To Feature New Dairy Products

SYRACUSE, N.Y. – To remain competitive in the marketplace, the dairy industry has made new product development one of its top priorities in the 1980s. Local dairy producers and industry representatives will receive an update of recent developments in dairy product research and their total promotion program at the American Dairy Association and Dairy Council's 27th Annual Meeting.

The theme of this year's meeting is "Progress Through Promotion," and will also feature information on dairy sales and nutrition education. The meeting has been slated for Feb. 18 to 19 at the Sheraton Inn, located on Seventh North Street in Syracuse.

The main meeting will take place on Feb. 18, beginning at 9 a.m. with registration. The morning business session will include a membership meeting with reports from the ADADC Board of Directors.

Following lunch a series of guest speakers and panelists will outline the amount of progress being made in the dairy industry today as a result of the dairy farmer funded generic milk promotion program. Areas to be covered will include dairy sales and consumption, nutrition research, and new dairy product development.

Olan Forker, Cornell University; David Mark, National Dairy Council; and Anthony Luksas, Dairy Research Inc. will be the afternoon's featured speakers. Luksas will be discussing in depth the current product research being conducted at the DRINC laboratories. Carbonated and hi-calcium milks, and spreadable butter, which is fat and cholesterol reduced, will be the main topics of discussion.

An evening banquet will cap off the day's activities, beginning at 6 p.m. with a milk punch reception. The Annual Service to Dairying Award will be presented as part of the evening's activities. There will also be a half serious, half humorous presentation on marketing given by Walt Buescher, National AgriMarketing Association's "Marketing Man-of-the-Year."

Local dairy producers will invest approximately $11.4 million into ADADC's programs during 1987. This money will be used to purchase television and radio advertising, and to fund local dairy promotion and nutrition education programs.

All dairy producers and members of the industry are encouraged to attend the meeting. For reservations and further information contact ADADC toll free at 800-ADA-MILK in New York, or 800-HOT-MILK in New Jersey and Pennsylvania.

Landscape Training Offered

YORK – Grounds and landscape maintenance training will be offered by the Penn State Extension Service on Feb. 10 and 11 at the Holiday Inn in Grantville, northeast of Harrisburg.

Topics to be included in the two day Turf and Ornamental School include Lawn Fertilizers, Principles of Mowing, Soil Injectors for Pest Control, Mulches Used in the Landscape Computers in Business, the Right to Know Law and Pesticide Safety and Disposal. Pesticide training credits and continuing education unit (CEU) credits are being offered. For registration information, contact the Extension Service.

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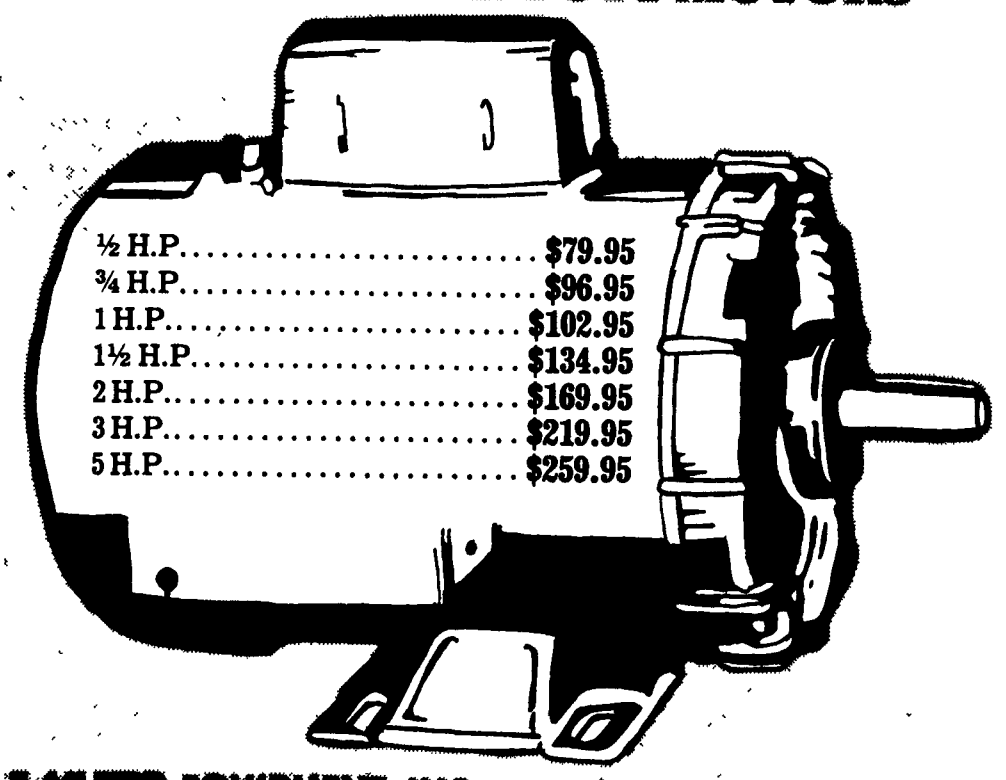

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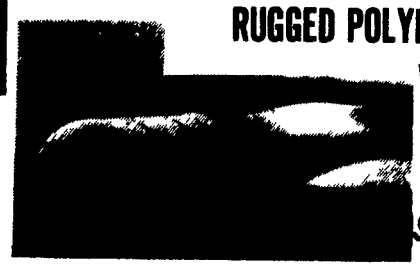

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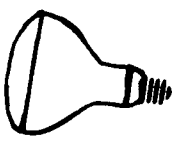

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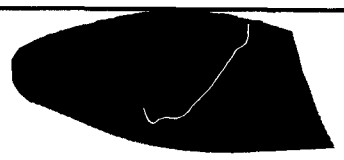

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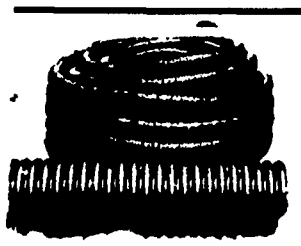

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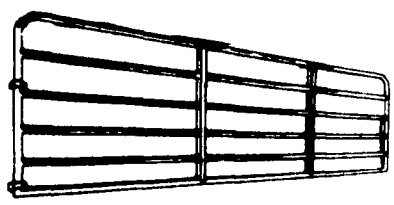

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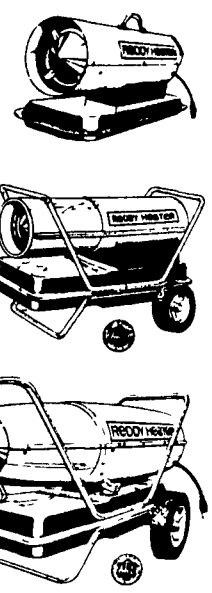

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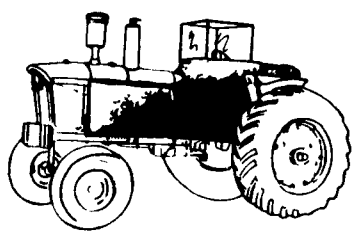

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RCMA Letter

(Continued from Page A1)

chairman, visited the Lancaster Farming office Wednesday to layout the newest effort in the ongoing RCMA effort. Ninety-five percent of all northeast dairymen must join the program so RCMA can ask the market for more than the minimum price set by the government for Class I milk. This additional price will be asked when favorable market conditions allow such a move. But everyone must be involved so some independent handlers are not put to a disadvantage. It's obvious that if one handler must pay more for milk than the competition, the higher paying handling will be at a disadvantage, and the program will not work. The only way farmers can get the extra money for the milk that the market conditions allow is by having everyone involved. Join together and ask every handler for the same extra price. That's the purpose of RCMA.

The government sets the minimum price farmers get for their milk. To get more than this minimum price when market conditions allow a better price, farmers can go to RCMA. They can do this as individuals or through their milk cooperative, who will do it for members. When these market conditions allow it, RCMA goes to the bottlers for an extra price over the government-established minimum. The bottlers may go to the retail market.

In this proposed program, the consumer often pays only a cent or two more for milk in the store. But the extra money can benefit the bottler to a small degree and make a great difference to the dairy farmer's survival.

Along with Ely and Ranck, Donald Duncan, the regional state chairman, has also signed the local letter. And a separate personal note from Ranck's Verdant View Farm is enclosed to urge recipients of the mailing to sign the agreement and send it back today. "You'll help keep dairying strong here in the northeast where we have the largest market for Class I milk in the nation," Ranck says. "Remember, only signers will benefit from RCMA."

According to Ely, the bottom line was best described by Tom Jurchak, Lackawanna County Extension director, in Milk Market News. "Producers have the opportunity to build an organizational vehicle that can negotiate for prices above the minimums set by the support price on butter, powder and cheese that purculate down through the federal orders to the milk checks going to each producer. The success of the over-order milk pricing efforts in 11 northeastern states are within spitting distance of success. That depends on 2500 Pennsylvania producers signing contracts to participate in the program. The time has come when every producer who wants higher prices from the market and not the government will take the initiative to recruit nonmembers wherever they are. Those who want to participate can no longer afford the time for someone to come and ask them to join then come back and pick up the contract. They will have to take action now on their own to become part of the effort. Or in the future live with the realization that they were part of the minority that prevented the establishment of over-order pricing in eastern markets. It also a responsibility of every producer who has already joined the effort either through a cooperative or independently to help in recruiting producers who are resisting these efforts for higher prices by not participating. The opportunity and the need are here. Let's make the most of it," Jurchak says.

Three new persons have been named to the Pennsylvania RCMA steering committee to make it easier for local dairymen to get information. These new committee members are Kenneth Mummert, 6353 Rowe Run Road, Chambersburg, PA 17201, 717-263-1507; Horace Tang, R1, Cochranville, PA 19330, 717-529-2396. Those reported previously are Carl Brown, PFA, R.D. 3, Box 288, Pine Grove, PA 17963, 717-739-4187; Donald B. Duncan, Grange, R.D. 1, Box 362, Robesonia, PA 19551, 215-693-5213; Karl Kroeck, PFA, R.D. 1, Box 990, Knowville, PA 16928, 814-326-4308; Robert Pardoe, Grange, R.D. 1, Milton, PA 17847, 717-524-7625; Arden Tewksbury, PFU, R.D. 2, Box 165, Meshoppen, PA 18630, 717-833-5776; Harold Wolfe, PFU, R.D. 2, Box 157, Centre Hall, PA 16828, 814-364-1349. The state coordinators are Ely and Arthur Little, 831 James Street, Syracuse, NY 13203.

Farm Calendar

(Continued from Page A10)

Smart Farm Decisions Workshop, Lancaster Farm and Home Center, 9:30 a.m. to noon.

Monday, February 16

Atlantic Breeders Annual Meeting, Penn Township Firehall, Huntsdale, 7:30 p.m.

SE Regional Soybean meeting, Meyers Restaurant, Route 309, Quakertown, 9:30 a.m.

Tuesday, February 17

Penn-Jersey Tillage Conference, Stabler Arena, Lehigh University, Bethlehem, Pa.

Northeastern Pa. Turfgrass and Grounds Maintenance School, Luzerne County Community College, Nanticoke.

Farm Management Series, Cumberland Extension Center, Carlisle, 12:30 p.m.

Lancaster County Crops and Soils Day, Lancaster Farm and Home Center, 8:30 a.m. to 3 p.m.

Atlantic Breeders Co-op, Southern, Quarryville Fairgrounds, 7 p.m.

Cecil County Dairy/Livestock Day, Calvert Grange Hall, 9:30 a.m. to 2:30 p.m.

Wednesday, February 18

York/Lancaster Tree Fruit Meeting, Rutter's Restaurant, York.

ADADC Annual Meeting at the Sheraton on 7th North Street, Syracuse, N.Y. Continues tomorrow.

SW Min-Till Meeting, Mt. View Inn, Greensburg.

Bradford County Milker School, Extension Office, Towanda, 10 a.m. to 3 p.m.

Thursday, February 19

Draft Horse and Mule Sale, Farm Show Complex, Harrisburg.

Atlantic Dairy Day, Seven Valleys Firehall, 10 a.m. to 2:30 p.m.

York County Beekeepers, Pleasant Acres Meeting Room, 7 p.m.

Keystone Pork Congress, Penn Harris Motor Lodge, Camphill.

Atlantic Dairy Co-op, noon, Lancaster Farm and Home Center.

Atlantic Breeders Co-op, Blue Ball Firehall, 7 p.m.

Cecil County Agronomy Day, Calvert Grange Hall, 9:30 a.m. to 2:30 p.m.

NW Regional Tillage Day, Days Inn, Meadville, 9 a.m. to 3 p.m.

Smart Farm Decisions Workshop, Lancaster Farm and Home Center, 9:30 a.m. to noon.

Friday, February 20

Pa. Cattlemen's Annual Conference, Allenberry Resort, Boiling Spring; continues through Feb. 22.

Franklin County Horticultural Society Annual Meeting, Lighthouse Restaurant, Chambersburg.

Area Commercial Tree Fruit Meeting, Ramada Inn, York, 9 a.m.

Maryland Holstein Convention, Westminster; continues through Feb. 21.

Saturday, February 21

York County 4-H Alumni Night, 4-H Center, 7:30 p.m.

Cumberland Valley Cooperative Annual Meeting, Shippensburg Senior High School; luncheon, 11:30 a.m. Business meeting, 1 p.m.

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PRODUCER'S PROGRAM
Thursday, February 19
Main Ballroom

8:00 a.m. Registration - Doors open to Trade Show

Morning Session:
Chairman - Kenneth Kephart

9:50 a.m. Hog Market Outlook — H. Louis Moore

10:45 a.m. Management to Obtain Future Profits — Art Leman

11:30 a.m. NPPC Programs, National Pork Council Representative

Afternoon Session:
Chairman - Clyde Myers

1:30 p.m. A Practical and Painless Record-Keeping Approach — Michael Miller

2:00 p.m. Is Dust a Hazzard in Hog Houses? — Daniel Meyer

2:30 p.m. Will a Producer-Owned Packing Plant Work? — Eric Wowra

3:30 p.m. Ask the Specialist — Kenneth Kephart, Daniel Meyer, Michael Miller

PORK COUNCIL WOMEN'S PROGRAM
Thursday, February 19
Keystone E Room

Morning Session:
Mollie Geise, Presiding

10:00 a.m. Business Meeting

10:30 a.m. Flower Demonstration — Ray Grumbine

Afternoon Session:

12:30 p.m. Jr. Public Speaking Contest

2:30 p.m. Will a Producer-Owned Packing Plant Work? — Eric Wowra

KEYSTONE PORK BOWL
Thursday, February 19
Keystone D Room

Kenneth Winebark, Presiding

9:30 a.m. Preliminary Eliminations

2:00 p.m. Final Eliminations

Coffee and Doughnuts sponsored by Purina Mills, Inc.

CONGRESS BANQUET - February 19, 6:00 p.m.
Master of Ceremonies..... H. Louis Moore
Speaker..... Scott McKain
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Pre-Registration forms cannot be accepted after February 9, 1987 Pre-Registration passes can be picked up at the registration desk. Banquet Tickets must be purchased by February 9 and can be picked up at the registration desk

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Biotechnology Forces

(Continued from Page A1)

such as growth hormones for cattle and swine.

Bentley said the USDA is comitted to supporting basic and applied biotechnology research and is an active participant in the development of coordinated research and regulatory guidelines. We need to be able to make the scientifically sound risk/benefit analysis required to establish reasonable criteria for evaluating the performance under natural conditions.

"Fundamentally," Bentley said, "we have to realize that we do in science and in the development of new technology has a great deal to do with the competitive position of U.S. industry, and especially our great American agricultural industry."

Mark Cantley, chairman of the Unit For Biotechnology in Europe under the commission of the European communities, used a quote from Gulliver's Travels dated 1726. The quote by Jonathan Swift says, "And he gave it for his opinion that whoever could make two ears of corn or two blades of grass to grow upon a spot of ground where only one grew before would deserve better of mankind and do more essential service to his country than the whole race of politicians put together."

However, Cantley said Jonathan Swift didn't see the problem of producing 10 ears of corn or 10 blades of grass. Now the politicians are engaged in selling them, storing them, or reducing the number of ears or blades of grass. The difficult things to communicate in biotechnology include four key characteristics. One, the inherent scope for further scientific discovery and hence vast but unpredictable technological potential, which have been opened up by the cummulative and recently accelerating progress in the life sciences. Two, the on-remitting competitive economic challenge agricultural and industrial between the major blocks and between the major companies of which advanced technology is of growing importance. Three, the justified hopes of reducing or even eliminating hunger and disease. And four, widespread popular apprehension about nonunderstood science and socially or culturally unacceptable innovation.

"I have no doubt that occasions like this forum are of high value in drawing attention both to the marvels of biotechnology and to the challenges of its political management," Cantley concluded. "I think that the open societies of the western democracies have two strategic advantages in biotechnology. Firstly, our open flow of information stimulates our science in both cooperative and competitive activities. Secondly, our open processes of challenge and inquiry enable us to control the new technologies in the service of human needs. As individuals in society, we have much to learn from one another."

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Lancaster Conservation District Receives Bay Award

LANCASTER — The Lancaster County Conservation District was recently chosen as one of 11 recipients of Chesapeake Bay awards sponsored by the Isaac Walton League of America and the Du Pont Company.

Representatives from the district, as well as the 10 other awardees, will be honored at a bay awards ceremony to be held on Feb. 19, at the Smithsonian Institution's National Museum of Natural History. Others expected to attend include the governors of Pennsylvania, Maryland, Virginia and Delaware, as well as Environmental Protection Agency administrator Lee Thomas.

The Isaac Walton League and Du Pont instituted the awards last year to recognize the achievements of local government, industry, agriculture and civic groups in cleaning up the Chesapeake Bay.

Nominated in the Local Government category, the Lancaster County Conservation District is being honored for serving as a model for other counties in the state with regard to its implementation of the state's Non-Point Source Abatement Program. The district operates in one of the state's most intensively farmed regions.

Other award recipients include:

•**James Michener**, the well-known author whose book "Chesapeake" increased public appreciation for the bay.

•**Don Spickler**, a dairy farmer from Clear Spring, Maryland.

•**Barbara O'Neill**, an environmental activist from Port Deposit, Maryland. O'Neill serves on the Coastal Resource Advisory Committee, the State Water Quality Committee and Maryland's Critical Area Commission.

•**Al Myers**, manager of the Governmental Relations Division of the Pennsylvania Farmers Association headquartered in Camp Hill. Myers helped to shape Pennsylvania's Chesapeake Bay Program, serving on the Bay Advisory Committee to the State Conservation Commission and the Chesapeake Bay Citizen's Advisory Committee.

•**Bruce Reid**, staff writer for the Newport News-Daily Press of Newport News, Va. Reid receives the Du Pont "Skipjack Award" for his reporting on the effects of tributlytin paint on the bay and its tributaries.

•**Dr. William Eberhardt**, environmental manager for Procter and Gamble's Mehoopany, Pa., plant. Eberhardt developed innovative pollution control technologies in an effort to minimize the plant's effect on the Susquehanna River.

•**Potomac Supply Corp.**, a family owned and operated lumberyard in Kinsale, Va. The firm developed a no-discharge system for handling chemicals and covered its lumberyard to prevent leaching and runoff.

•**John Gottschalk**, counsel for the International Association of Fish and Wildlife Agencies. Recognized for his efforts in gaining public support for governmental efforts to save the bay, Gottschalk is president of the Citizen's Program for the Chesapeake Bay, Inc.

•**Marine Trades Association of Maryland**, a coalition of marine interests located in Annapolis, Md. Through their educational and public relations efforts, the organization has rallied public support for bay restoration.

The award recipients were selected from 65 nominees. According to the Izaac Walton League's executive director Jack Lorenz, more than 400 citizens groups now work to protect the Chesapeake Bay, America's largest estuary.

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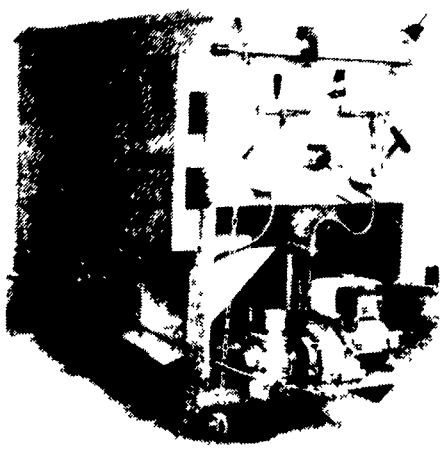

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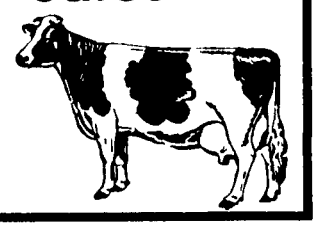

Reports from three sales for the week of Jan. 27 to Feb. 3 had top prices of $20,000, $11,000 and $2,000. Here is a brief look at the results of these sales

BROWN SWISS

The SIOUX EMPIRE SALE held in South Dakota averaged $1,053.55 on 38 head.

Topping the sale with a bid of $2,000 was a 5-year-old cow. Sired by Rolling View Modern Stretch, she classified VG-87 and produced a top record of 20,160 pounds of milk, 786 pounds of fat and 713 pounds of protein in 353 days. She was due at sale time to Regal.

Her dam, an Excellent Cash Joe daughter, produced a high record of 19,110 pounds of milk, 884 pounds of fat and 701 pounds of protein in 365 days.

A bred heifer sold for $1,800 and the second best price of the sale. Sired by Masters Gene, she is due in February to Lottie Luke.

Her dam, a Good Plus Improver daughter, completed a high lactation in 333 days of 17,090 pounds of milk, 701 pounds of fat and 676 pounds of protein.

HOLSTEIN

The PREMIERE ET SALE held in California averaged $5,538 on 13 lots.

A first choice female ET by Chief Mark topped the sale with a bid of $11,000.

Her dam, VG-87, owns a top 365 day record of 28,020 pounds of milk and 1,242 pounds of fat. Sired by Bell, her cow index stands at plus 1,688 milk, plus 76 fat, plus 55 protein and plus $225 with a CTPI of plus 841.

The granddam classified EX-90, EX-MS and produced a high 365 day record of 33,060 pounds of milk and 1,385 pounds of fat. The next dam, VG-86, has lifetime credits of 108,330 milk and 4,894 fat with a top record of 28,730 milk and 1,304 fat for a 4.5 test.

Sired by Tri-Town Steady Spipper, the second high lot sold for $9,500. This embryo is the second choice female from the same maternal pedigree as the top seller. Both embryos were transferred in December 1986 with a due date of September 1987.

Chris Dei, manager of the California Holstein Association, managed the sale.

The sale was held in conjunction with the California Holstein Convention. Buyers viewed the pedigrees on a video tape.

The CALIFORNIA PREMIERE SALE was also held inconjunction with the California Convention. No average was computed on the 68 head sold.

A bid of $20,000 for a 3-year-old Valiant daughter topped the sale. Classified VG-87, VG-MS, she produced a top record of 30,880 pounds of milk and 1,025 pounds of fat in 344 days. On the day of the sale she produced 111 pounds of milk with a 4.1 test.

She owns a cow index of plus 1,697 milk, plus 61 fat and plus $201 with a CTPI of plus 807.

Her dam has lifetime credits of 163,963 milk and 5,601 fat with a top record of 37,110 milk and 1,322 fat in 365 days.

The granddam produced a lifetime record of 121,875 pounds of milk and 3,762 pounds of fat.

A Red and White cow sold for the second highest price of $35,000. Classified VG-85, the 2 year old owns a cow index of plus 870 milk, plus 33 fat and plus $106. Sired by Enhancer, she produced a 305 day record of 20,521 pounds of milk and 715 pounds of fat.

She sold with a package of five guaranteed pregnancies to Improver and Kid Red, AI contracts over $25,000 and embryo interest.

Her dam, VG-86, VG-MS, produced a top record of 24,360 pounds of milk and 731 pounds of fat in 344 days. The fourth dam, EX-91 3E, produced a top record of 30,880 milk and 1,061 fat in 342 days.

The California Holstein Association managed the sale.

NATIONAL DAIRY COW SALE INDEX

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This sale index can help dairymen place a value on the dairy cows in their own herds. Breed organization sales and private dispersal sales reported in Lancaster Farming are included in the dollar averages.

	Ayrshire	Brown Swiss	Guernsey	Jersey
Year to date:				
Nation	889	1101	1141	960
Pennsylvania	832	950	569	1019
Four previous weeks:				
Nation	—	—	—	—
Four previous weeks +/-year to date:	—	—	—	—

	Holstein	Red and White	Milking Shorthorn
Year to date:			
Nation	2078	1825	850
Pennsylvania	2006	2837	922
Four previous weeks:			
Nation	1969	—	—
Four previous weeks +/- year to date:	109 lower	—	—

Reproductive Clinic Set

HONESDALE — A dairy cattle reproductive clinic will be held Thursday, Feb. 12 and Wednesday, Feb. 18, 10 a.m. to 3 p.m. Currently the sessions are scheduled for the Extension Meeting Room, Courthouse, Honesdale, but depending on enrollment, may be moved to another location.

Topics presented at the clinic will include reproductive efficiency, anatomy and physiology, reproductive health, nutrition and reproduction, AI techniques, and herd reproductive analysis. Speakers will include Dr. Michael O'Connor and Dr. Larry Hutchinson, Penn State Extension specialists, Dr. John Burlein, Honesdale, Sire Power personnel, and several local dairymen.

Pre-registration is requested by calling the Agricultural Extension Office, Courthouse, Honesdale.

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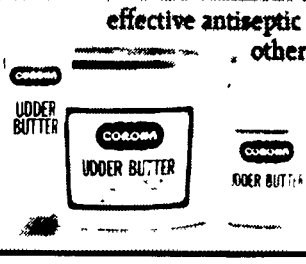

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Dairy Board Endorses National Dairy Promotion Structure Plan

ARLINGTON, Va. — In an effort to provide the dairy industry with a single, national promotion and research program, the National Dairy Promotion and Research Board, at its Jan. 21 to 22 meeting in Monterey, Calif. reviewed and unanimously supported a national promotion structure plan.

The promotion structure plan, which is a modification of the National Milk Producers Federation plan, was developed after numerous meetings with national dairy industry leaders. The key provisions of the plan provide for the following:

- a method to maintain a funding level of $110 to $120 million for national promotion and research programs.
- a method to establish a "partnership" between the National Dairy Board and state and regional promotion groups which can function to coordinate programs.
- a method to unify the dairy industry behind a single national organization with one CEO and one staff.

NDB Chief Executive Officer, Joe Westwater said that the Board is prepared to discuss the modified structure plan with all segments of the industry.

"The time is right to workout the necessary details of this plan to better unify dairy farmer funded promotion and research efforts," said Westwater.

"Dairy farmers, however, must maintain the existing national funding level of $110 to $120 million which they have established through the expanded promotion programs authorized by the Dairy and Tobacco Adjustment Act of 1983. This level of promotional commitment by the nation's dairy farmers has played an important role in increasing total milk commercial disappearance by over 10 percent in three years. It's important to retain this progress and build for the future."

In other action, the Board approved funding to establish an "institute" for nutrition/biomedical research, extend a national spring cheese promotion and expand its research efforts for listeria monocytogenes.

The Board authorized a commitment, over three years, of $3.9 million for the establishment of a "Nutrition, Hypertension and Cardiovascular Disease Research Institute" at Oregon Health Sciences University.

This action constitutes a major milestone in nutrition/biomedical research and indicates the dairy industry's new direction toward focused research. The Board plans for the institute to become a prototype for future research efforts in other areas including diet and heart disease, especially fat in the diet since this is currently the most pressing research need. The Board's objective is to lead the dairy industry into areas of research that can provide more direct and positive aspects of fats as related to health.

In the area of advertising, the Board authorized the conversion of $1.5 million in cheese continuity advertising to support the spring "Build A Perfect Cheeseburger" cheese promotion. NDB's network advertising support will extend the promotion. The program is being coordinated by the American Dairy Association and state and regional promotion groups. It is also supported by $600,000 from the Beef Industry Council and designed to cross-sell cheese and hamburger beef.

The Board's work to increase dairy product sales through the military market will expand during 1987. A program was approved to place point-of-sale materials in about 230 military commissaries throughout the continental U.S. Three promotions will be installed in commissaries by coordinating with state and regional dairy promotion groups. The military market is the sixth largest retailer with annual sales over $6 billion.

Additional research, centered around listeria monocytogenes, was authorized by the Board. The action brings the Board's financial commitment to over $500,000 for listeria research.

The Board will also begin to develop its budget for the fiscal year ending April 30, 1988. A meeting is scheduled in February to begin this process.

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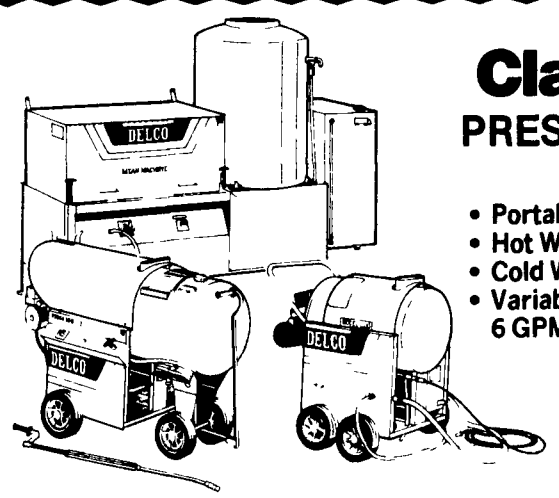

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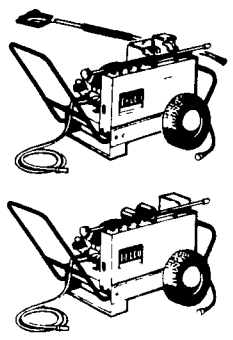
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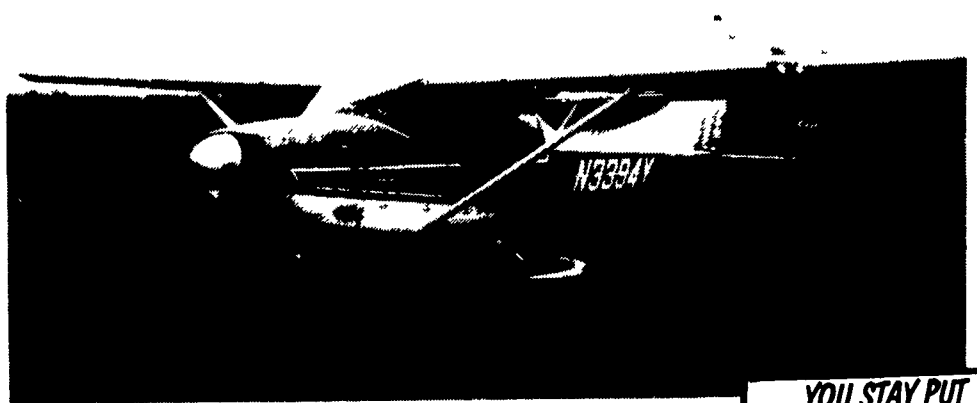

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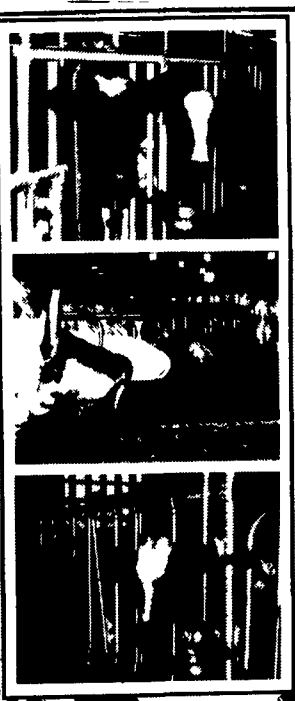
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Lancaster 4-H Livestock Banquet

(Continued from Page A26)

presentation of the Beef Club's Jason L. Weaver Memorial Leadership Award, and this year's award went to Fritz Frey, son of Mr. and Mrs. Fred Frey of Twin Oak Farms, Quarryville.

Though his beef cattle have earned him many championship honors at the county, state and national levels, Frey noted that friendships cultivated during his 11-year 4-H career are his most valued "trophies." "The best friends I'll have the rest of my life are all from 4-H," he said, pointing out that the program also enabled him to meet his fiance, Nancy MacCauley.

Frey intends to continue his career as a cattleman and currently manages the show cattle at Twin Oak.

The 4-H Woolies Club bestowed its top honor, the Shepherd of the Year award, on Michelle Mylin, daughter of Mr. and Mrs. Jay Mylin of Manheim. A senior at Manheim Central High School, Mylin had a memorable year in 1986. Exhibiting her yearling Hampshire ewe, she took supreme champion honors over all four livestock species at the Elizabethtown Fair in August. Two months later she took top honors in a competitive leadline show at the Keystone International Livestock Expo in Harrisburg.

Although she'll be leaving home for Messiah College this fall, Mylin plans to keep her hand in 4-H activities through her brother Scott and sister Andrea, both Woolies Club members. "I know I won't be able to stay away," beamed the seven-year 4-H veteran, who credits the program with helping her gain poise and confidence in her own abilities.

Listed below are members of the beef and sheep clubs recognized for their livestock show honors and other club achievements.

BEEF AWARDS

County 4-H Beef Roundup

Fritz Frey - grand champion steer
Nichole High - reserve champion steer
Scott Hertzog - champion showman
Jay Hess - reserve champion showman

Southeast District Beef Show

Brian Hess - grand champion steer
Brian Hess, Julie Greider, Jimmy Landis - champion county trio

State Farm Show

Jay Hess - best county showman

Other Awards

Marcus Kline - highest daily beef gain, 2.98 lbs./day
Jay Hess - best beef record book
Patti Greider - Red Rose 4-H Award
Fritz Frey - Jason L. Weaver Memorial Leadership Award

SHEEP AWARDS

County Awards

Ellen Lewis - champion and reserve market lambs
Ellen Lewis - supreme champion ewe, champion bred and owned ewe
Deb Martin - champion blocking/grooming
Lyndon Reiff - champion junior showman
Jenny Wenger - champion intermediate showman
Ellen Lewis - champion senior showman
Michelle Mylin - senior leadline winner
Andrea Mylin - junior leadline winner

State Awards

Ellen Lewis - champion and reserve junior Hampshire ewes
Arlisa Snavely - champion junior blocking and grooming

Other Awards

Wendell Landis - best Woolies Club record book
Tricia Musser - President's Award
Michelle Mylin - Shepherd of the Year

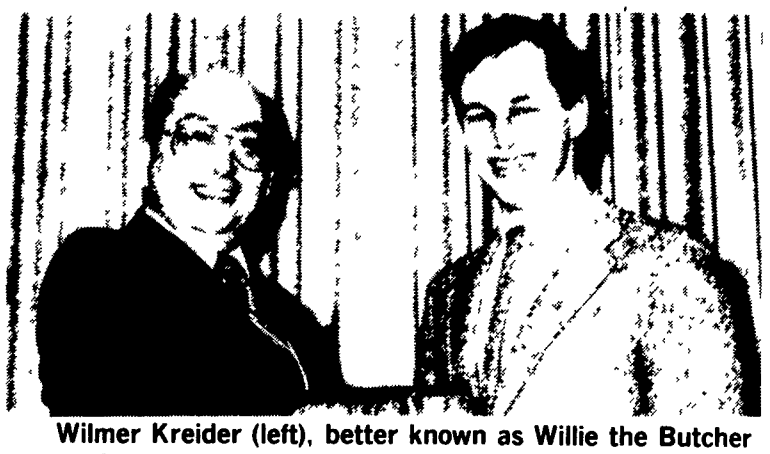
JUDGING RECOGNITIONS

Junior Livestock Judging Team: Fred Weaver, John Hess, Jeff Craig, Anita Meck - 3rd in state

Senior Livestock Judging Team: Tricia Musser, Joe Garber, Emily Weaver, Ellen Lewis - 2nd in state

Meats Judging Team: Doug Musser, Tracey Landis, Anna Marie Frey, Mike Craig - 2nd in state

Michelle Mylin (left) received the Shepherd of the Year trophy from last year's winner Ellen Lewis.



Wilmer Kreider (left), better known as Willie the Butcher from Stauffer's of Kissel Hill, Lititz, was cited for his many years of 4-H support at junior livestock sales.

MID-WINTER BUYING DAYS
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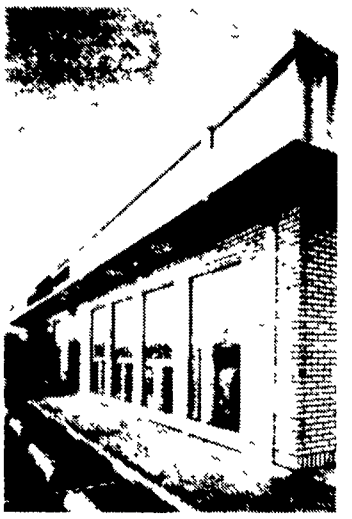
This offer is good only on buildings purchased at the local office during Mid-Winter Buying Days. It does not apply to buildings bought on our $2.25 corn or $3.25 wheat offer for farm buildings now in progress or any other special offer.



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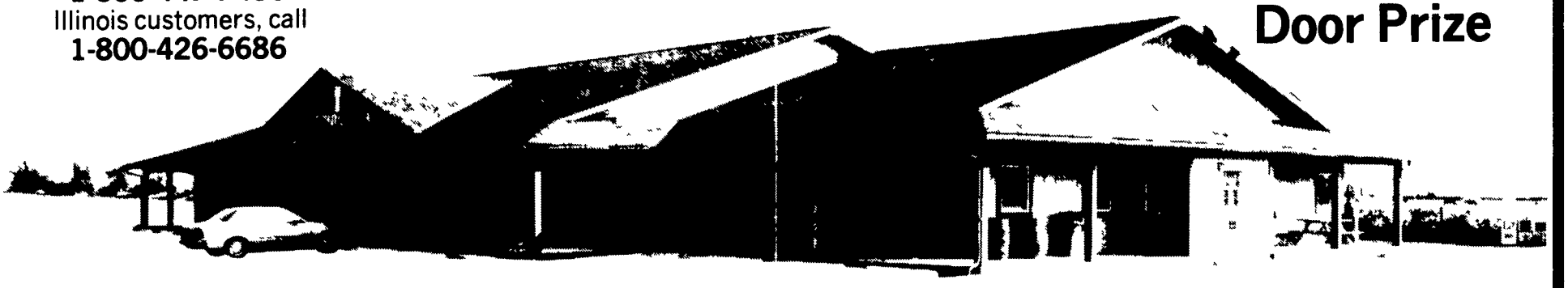

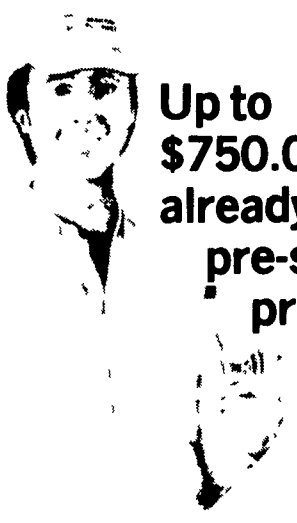

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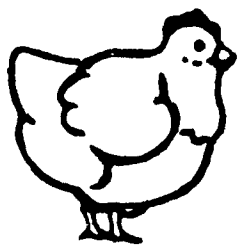

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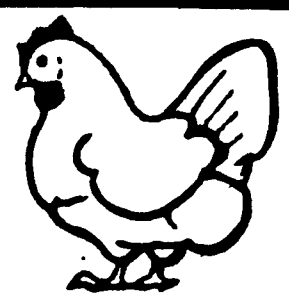

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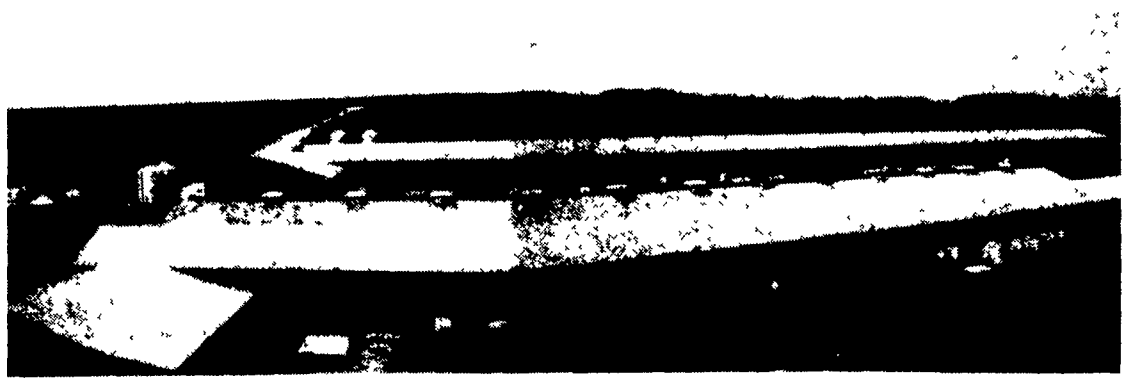

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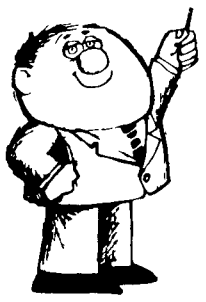
Schuylkill Conservation District Offers Water Test Kits

POTTSVILLE — "We Care About Clean Air," is the 1987 National Wildlife Week theme to be celebrated March 15-21. The Schuylkill Conservation District is again distributing free National Wildlife Week Kits to organized youth groups. Each kit contains a 22-by-34 theme poster, a 16-page teacher guide, "Copy-Cat" pages, a sheet of 36 "Clean Air" stamps and an EPA brochure on "Ozone". The teaching objectives of the kit are to help students understand clean air and air pollution, with related impacts on other resources, along with what steps are being used to reduce air pollution. The kits are to be used by a youth group leaders and are not for distribution to all club members.

The Conservation District is also making available free conservation cartoon booklets. "Make Room for Monster - Wildlife on the Land", explains how wildlife is impacted, both positively and negatively, by man's use of the land. This booklet is aimed at fourth grade but it has been used effectively at most grade levels and in health, social studies, math, science, special education and language art classes.

Call or write the Conservation District office for more information at 429-1744, Rt. 61 North, Pottsville, Pa.



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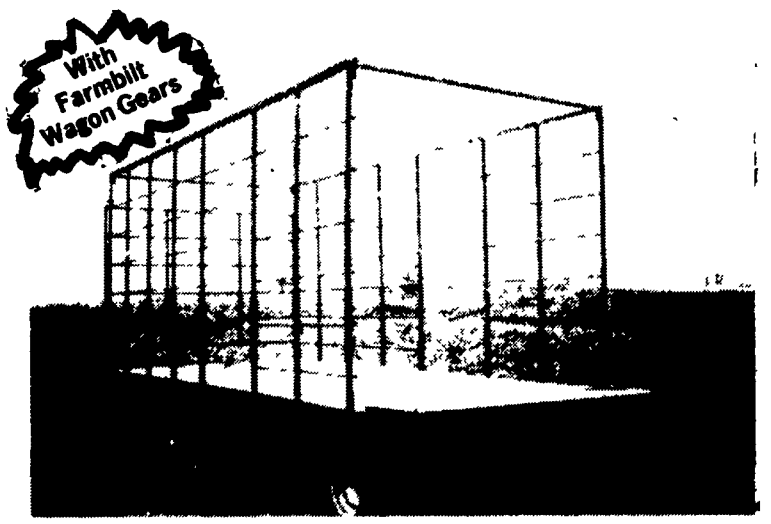

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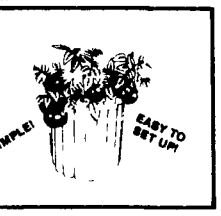

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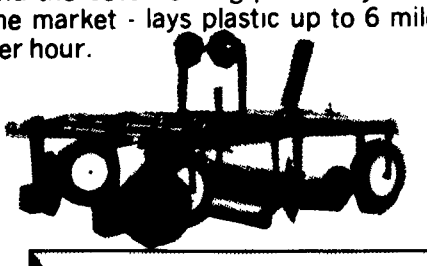

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Conference To Spotlight Ag Chemical Safety Laws

NEW CUMBERLAND — An employer's conference on the new agricultural chemical safety laws will be held March 19 at the Sheraton Inn-West, New Cumberland.

Farmers who have any chemicals on their farm and who have, or will have, even one employee, should attend this conference, says Dennis Murphy, executive secretary of the Pennsylvania Agricultural Safety Council. The Council is sponsoring the conference.

The conference will help farmers understand and comply with Right-To-Know and the Pa. Pesticide Control Act, and will provide core credits for Private Applicator recertification under the amended pesticide law.

A representative of the Department of Labor and Industry's Right-To-Know program will lead the conference activities with an overview of the Pennsylvania Right-To-Know and provide important interpretations.

Steven Crawford of the governmental relations division of PFA will discuss the essential responsibilities of labeling, record keeping, education and training.

The luncheon speaker will be James Maslyn, assistant director of National Affairs for the American Farm Bureau Federation.

Following lunch John Longenecker of the Pa. Department of Agriculture will discuss the Pennsylvania Pesticide Control Act. Longenecker is responsible for administering the amended law and will explain important changes in how the law will be administered and enforced.

Registration forms, due by March 5, are available from the PASC, the Pennsylvania State Grange, Pennsylvania Farmers' Union, Pennsylvania Farmers' Association and county Extension offices.

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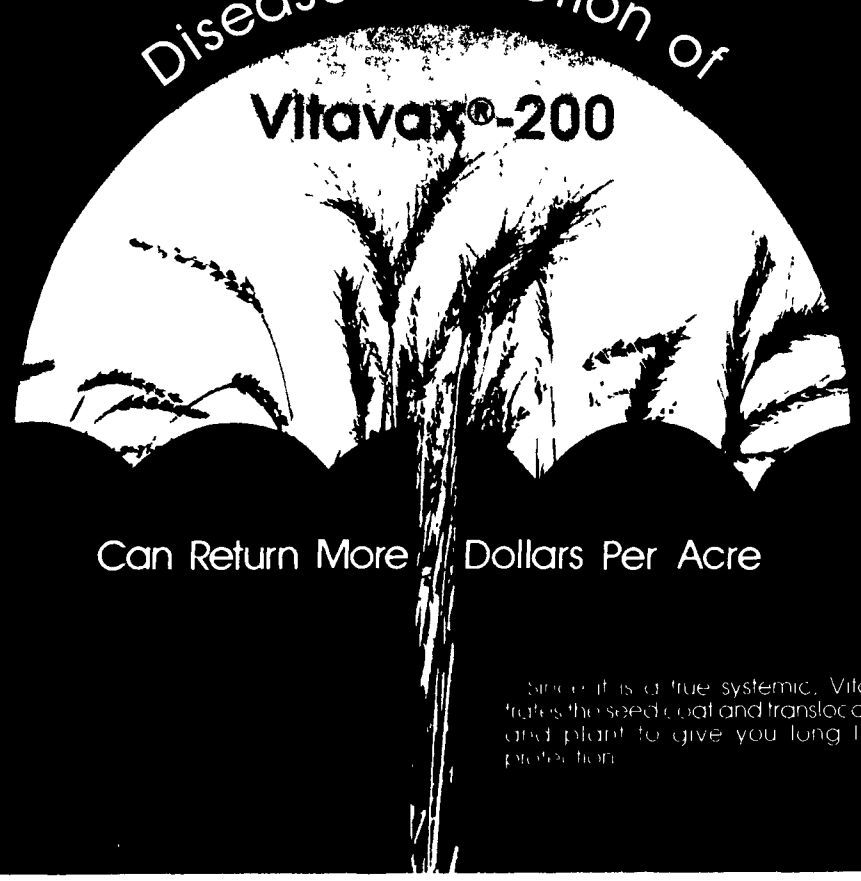

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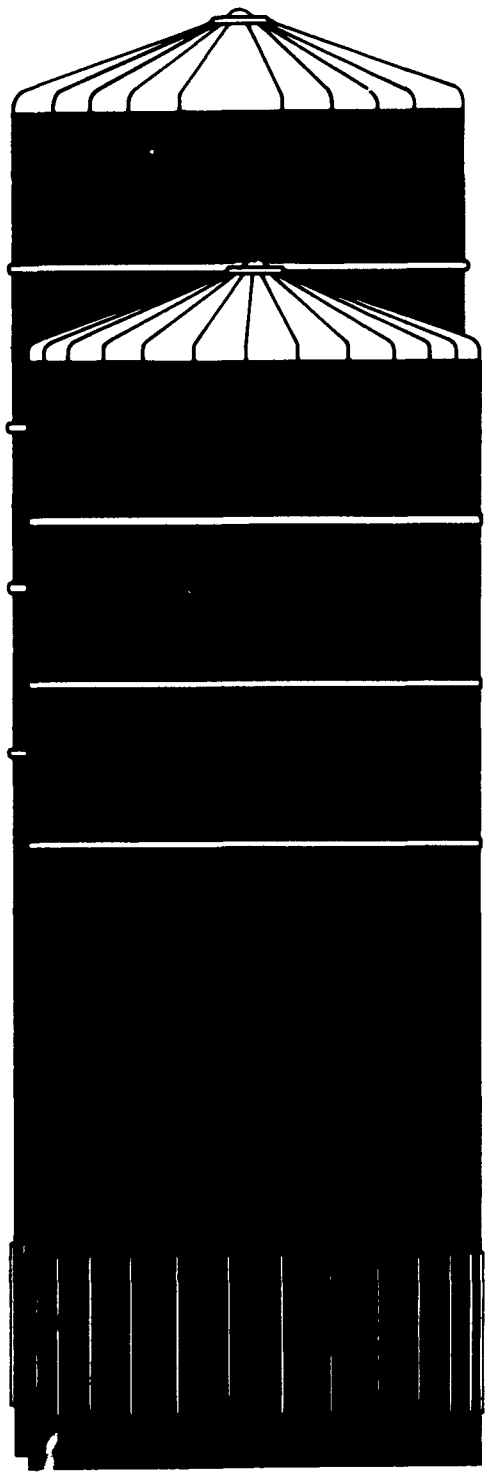

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Sergers Add Professional Look To Homemade Garments

BY SALLY BAIR
Lancaster Co. Correspondent

COLUMBIA — Most home seamstresses agree that the garments they make are better sewn, more economical and better fitting than ready-made clothing. However, they frequently have that telltale "homemade look."

Now home sewers can get more professional results by using an overlock machine, or serger, which makes the seam, cuts off the excess fabric and overlocks in one operation. Not only does the machine produce professional looking seam finishes, it also cuts sewing time drastically.

Janet Herman, Columbia, who teaches a workshop on using the serger through the Penn State Cooperative Extension Service, says, "It has really revolutionized home sewing. There is a whole new interest in sewing, especially for people who have no time."

Herman, who also works at the Columbia Garment Co. Factory Outlet, adds, "The most frequent comment I hear is, 'I just love it. I don't know how I sewed without it.'"

John Binkley, who owns Binkley's Sewing Machine Shop of Elizabethtown, agrees that it is a boon to the home sewer. "It speeds up sewing tremendously." Binkley displays a dress which his wife sewed in 28 minutes, after it was cut and ready to go. He says, "The overlock machine does for the sewing room what the microwave does for the kitchen." Binkley sells several brands of overlock machines, and his store is the oldest Singer dealership in Pennsylvania.

Binkley believes the machine is useful not just to the home seamstress, but also to women who make crafts for sale.

The overlock machine first started to appear for home sewers about five years ago, though Herman says her research shows that they have been available since the 1940's. The serger has been used in sewing factories since the early 1900's, but professional models are heavier and bigger.

What the serger cannot do is replace a conventional sewing machine. While some models do sew a single straight seam, they are not designed to do all the jobs a regular sewing machine can do.

What it does do is finish seams and edges in record time. Herman says, "It sews at twice the speed of the conventional machine."

Sergers can do the job on any kind of fabric, from heavy corduroy and denim, to lightweight lingerie fabric. Binkley points out that the only limitation on thickness of fabric is the space between the machine and the cutting edge.

Binkley says there are three kinds of overlock machines. One is a single needle, three thread machine; the second is twin needle, four thread machine which will make a straight chain stitch and overlock; and the third is a twin needle, four thread unit which will overlock and make a safety lock stitch which will not unravel.

Prices vary considerably among the many models available, and Binkley says the choice must come down to which features a home sewer wants. He said he has guidelines which suggest questions a potential buyer must ask herself, including, "Which suits me the best?"

He said the single needle will work with all types of fabric, makes a good overlock stitch and is probably the one to buy if price is the important factor.

The chain stitch model is useful for people who may have a cottage industry, or who are doing draperies or alterations. He noted that it is easier to make alterations look like the original garment.

The top-of-the-line model with the safety lock stitch offers the versatility of purchasing extra attachments for doing the blind hem stitch, adding elastic to lingerie, and attaching lace. It also does rolled hems, though some single needle models can do rolled hems, useful for napkins, tablecloths and scarves.

Janet Herman works on a turtleneck sweater on her serger. She says the machine has revolutionized home sewing and allows seamstresses to complete garments much more quickly and professionally than with a conventional sewing machine.

This is the serger, or overlock machine, which has been on the market for home sewers for about five years, but has been used in the garment industry for decades. This small but mighty machine cuts sewing time in half, but canot completely replace the conventional sewing machine.

Herman says that an increasing number of the sergers are being used to make curtains with ruffles, something that takes yards and yards of finished fabric. Perhaps the most popular use is for T-shirts, turtlenecks, jogging outfits and other garments made from knit fabrics. The finish is truly professional, with no raveling and no extra threads. The overlock finish also adds to durability of clothing.

Binkley says it has been his experience that interest in the overlock machine has peaked, primarily because of the cost. Most of the machines are manufactured in Japan, with at least one made in West Germany, and the price has been affected by the drop in the dollar in relaton to the yen. He said the price has risen at least $150 in the last year. Obviously, it is difficult for a seamstress to justify the expense if she is sewing to save money for her family.

Both Herman and Binkley agree that there is a market for used sergers, and Binkley says they can be traded in if someone wants to upgrade the machine they have.

Getting familiar with the serger is important for anyone who purchases one. Herman says, "They must read the book that comes with it and use it. They must learn by experience. The book that comes with the machine is the most important."

She urges, "Women should buy from a reputable dealer who will sit and go over it and where she can go back if she has a question. It should also be someone who does repairs right there."

Binkley says he always welcomes machine buyers back to his shop. He explained that someone may buy a machine, and not put a buttonhole in for the first six months, and then realize they don't know how to use it. He said they are always welcome to come back. He and his wife have attended schools on the serger to become familiar with all its operations.

The overlock machines have no bobbins; the threads go directly through tensions and thread guides to the needles. Binkley pointed out that there is now thread manufactured for overlock machines, but regular spools of thread can be used. Herman says it is important to use only good quality thread because of the speed, the tension and the amount of friction. Cheap threads will tear, leaving a frustrated sewer.

Binkley says it is possible to simply knot a thread when the color must be changed or when the spool is getting empty. The fine knot can go through all the holes to the needle, and at that point, it can be snipped and re-threaded.

The threading process looks difficult to a novice, but Binkley noted that usually there are different colors for each tension guide and different symbols to guide the placement of the thread. It is important to get the thread through all the spools correctly, because, as Binkley notes, "If you miss a threading function you mess up the stitch quality. And you must be sure to tuck down the thread in the spools."

Another feature of the overlock machine is an extra long feed dog, to guide the material safely through the stitching. Herman notes that pins cannot be allowed to go through the machine as they will blunt the knives which do the trimming. Binkley cautioned that some models of the overlock machine have knife blades which are easily accessible and says, "You must be careful of your fingers."

Both stitch length and stitch width are adjustable on most models.

In her class, Herman recommends several books which can be helpful to the new overlock user. They are: "Sewing with Sergers, a Complete handbook for Overlock Sewing" by Gail Brown and Pati Palmer; "Overlook Sewing" by J. & P. Coats; and "The Successful Serging Handbook" by Leonora Johnson and Sharon Herschau.

Herman says she finds the classes she teaches helpful to her because, "I always learn something. It's a giving time." She admits that the teaching part is fun for her because, "I love people." A seamstress since she was five years old, Herman says she continues to "read everything I can" and learn new techniques.

About the overlock machine she concludes, "You can have a garment that looks nice, it's done fast and it doesn't look like its thrown together." What more can anyone ask?

Homestead Notes

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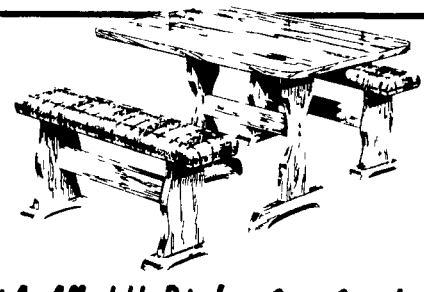

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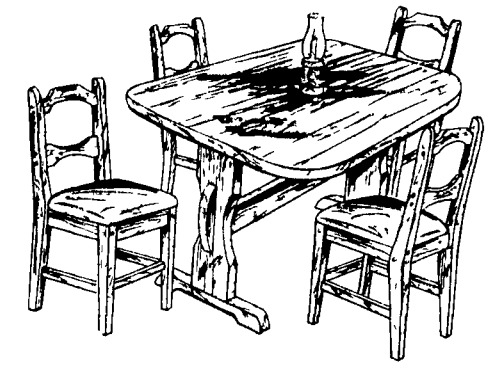

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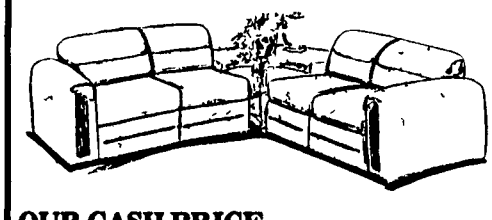

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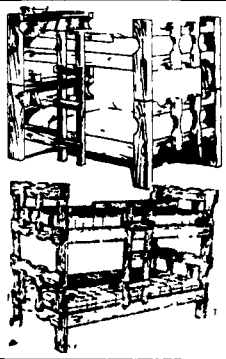

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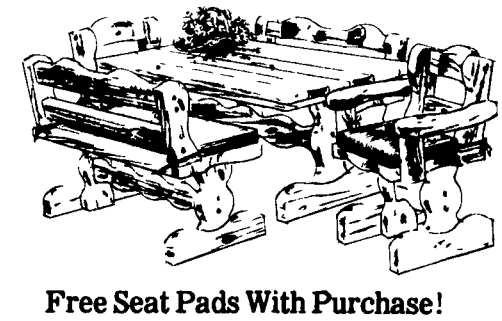

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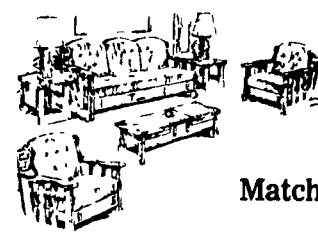

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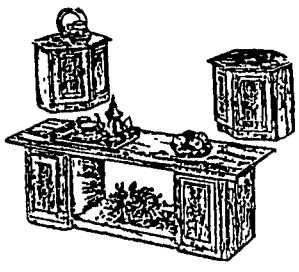

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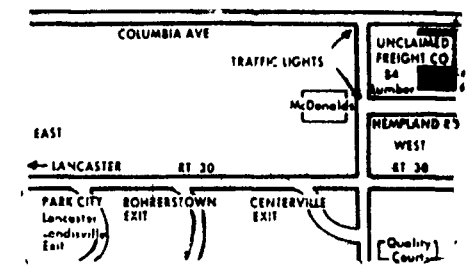

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On being a farm wife - And other hazards

Joyce Bupp

Remember Wicked Wanda?

Wicked Wanda is one of the more temperamental critters in our milking herd (right, that's 90 percent temper; 10 percent mental). She gallops everywhere but into her stall, is about the only cow ever to kick at anyone and really mean it, and boasts an appropriately devilish-looking, pointy, half-horn on one side of her head.

After a tirade in this column a few months ago about our chief herd rascal, she proceeded to make a complete fool of yours truly's rantings by setting a new herd per-day milk record. And she has topped all contenders since then.

While that may change her personality not a whiff, it does tend to make it a tad more tolerable. That also makes more palatable her tendency to toss out heifer calves, bearing her unique approach to life among the milking string.

Following Wicked Wanda into the herd, as you may recall, was her first daughter, Weird Wendy. Who is about to be renamed to Whining Wendy.

Ever heard of a pouting cow? Wendy pouts. She pouts because she's one of those Type A, workaholic personalities which experts warn are prone to heart attacks, ulcers, high blood pressure, strokes and similarly related afflictions of life in the competitive lane.

Now, Wendy gets to whining most about once a year — when she's turned dry for a stretch of rest and relaxation before calving and returning to the milking string. Like the classic Type A she is, Wendy wants only to go back to work. Badly. Or wants back with her friends, or her routine. Or maybe her feed. But she wants back.

We turned her dry last week and out into the heifer lot until she could be trucked over the hill to the dry cow lot.

Wendy bawled. Bellowed. Screamed at the top of her lungs. Opened her mouth wide, waggled her big, long tongue with despair and hollered in ear-splitting, nerve-wracking, endless protest. For hours. For days.

Screaming for admittance at the back end of the barn while we milked one night earned her nothing but our complaints. Tired of being ignored, she hopped the fence, trotted 220 feet to the other end and set up a noisy temper tirade. Imagine. A bawling cow in stereo.

That finally got her admittance to the barn. And prompt removal, to her dismay and disgust, right back out the other end. Where she stood and pouted. And bawled.

A night or two later, the youngest came clipping around the end of the bunk feeder on his way down from the feed room. In the dark. Wendy waited until he'd rounded the corner near her, and let loose with a shrill solo. Fastest trip he ever made back to the barn.

Last year, we dried Wendy off and promptly relocated her to the dry lot. An alert friend found her some hours later, trotting out the road on the ridge above the farm, headed West. Only fate kept Wendy from further misadventure on her search to get back to work.

We've about given up on solutions for Whining Wendy. Either this cow will eventually go hoarse, or she may find her talents donated for the service of her country.

Perhaps the Coast Guard could use a loud foghorn, somewhere along the coast.

Preferably a coast far away. Very far away.

Delmarva Safety Seminar Set For Feb. 17

NEWARK, Del. — Methods of detecting and correcting unsafe working conditions and practices will be included in all six safety workshops at the tenth annual Delmarva Safety Seminar to be held Tuesday, Feb. 17, from 8 a.m. to 4 p.m. at the Wicomico Youth and Civic Center, Salisbury, Md.

The seminar is planned for safety directors, supervisors, safety committee members, plant fire brigades, maintenance managers, plant nurses and other company operating personnel.

The cooperative extension systems of Delaware and Maryland, the Delmarva Safety Association and the Delmarva Poultry Industry, Inc., are sponsors of the annual event. The seminar's six workshops will cover back injuries, workmen's compensation, safety incentive, occupational health update, medical emergencies and substance abuse in the workplace.

Guest speaker at lunch will be Buck Faucett of Cyclone International. The latest in occupational safety gear and other industry-related exhibits will be featured along with federal and Maryland Occupational Safety and Health Administration (OSHA) consultation booths.

A registration fee of $10 will include lunch, coffee and an educational packet. Deadline for registration is Feb. 13. In recognition of the tenth anniversary of the safety seminar, the first 500 registrants will receive a free desk folder with pen.

For further information or to register, contact Ron Jester, extension safety specialist at the University of Delaware Research and Education Center in Georgetown (856-7303).

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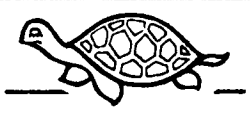

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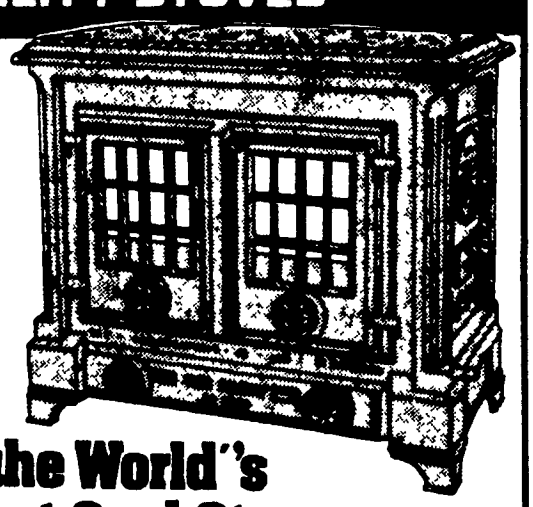

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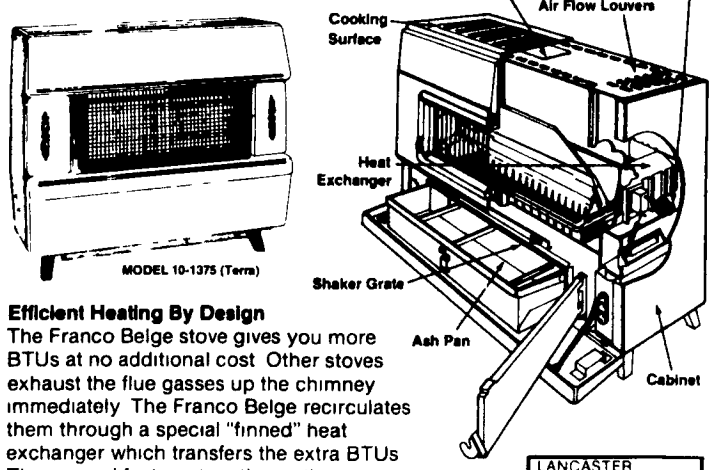

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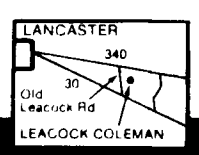

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Ida's Notebook

Ida Risser

It does seem as though, here in the middle of winter, I should be able to catch up on my reading. However, the piles of newspapers just keep getting higher. I am determined to read the daily newspaper through but somehow the Sunday paper is simply too big to plow through in one afternoon and so it is put aside for a time of leisure that never comes.

Magazines are another item that accumulate on the coffee table and hassocks. I tell my children not to subscribe for extra ones but they pay no heed. And, I do believe that we get at least 15 different farm magazines. Some of them are never opened and so when they are a month old, I give them to our Amish neighbors. If the farmer doesn't read them, at least their children can cut out the pictures of farm animals.

The other day I drove with my husband in his truck to Chester County to buy some cows. Some roads were one lane and not the snow plowed ones that we are accustomed to where we live. We saw several sleighs which were the proper vehicle for those conditions.

Yesterday I saw a flock of unusual large birds when I slogged through the deep snow to fill the bird feeder. They flew away toward the river and appeared to be some kind of crane or heron. The odd appearance of the flock caused me to hurry and get Allen's binoculars for a closer look at their long bills, necks and legs.

This cold weather surely causes me to carry many buckets of coal to our "hungry" furnace. I'll be glad when once a day will suffice and still keep our house warm. But by that time with warmer weather will come other jobs.

Fitness, Nutrition Tips For Folks On The Run

UNIVERSITY PARK — If being behind schedule is a fact of life and fixing a meal is the last straw, you don't have to sacrifice good nutrition to arrive on time. Penn State Extension is offering a series of Food and Fitness fact sheets that will help you eat on the run — and keep a balanced diet.

The key to a nutritious but fast meal is planning with a balance of choices from the four basic food groups. "Fast eating means simplification and planning ahead," says Dr. J. Lynne Brown, assistant professor of food science at Penn State and author of Extension's new fact sheets, Food and Fitness.

Here are some general tips for eating on the run:

- Cook double recipes and freeze in serving sized portions
- Look for one-pot meal recipes
- Interweave as many steps as possible
- Use appliances that save time

A nutritionally balanced meal should contain two or more vegetables, grains or pasta or bread, a source of protein, and a dairy product. If you select a frozen entree, read the nutrition label to be sure the fat and sodium content are not excessive. A low sodium product contains 140 milligrams or less of sodium per serving. Select an entree with 10 grams of fat or less per serving to help you limit your fat intake.

If you would like more information about how you can eat on the run and get started on the road to fitness, contact your County Cooperative Extension Service and ask for the six part series of fact sheets on Food and Fitness. Other topics include fitness, exercise, smart snacks and nutrition for competition. The fact sheets cost 10 cents a piece or 60 cents for the series.

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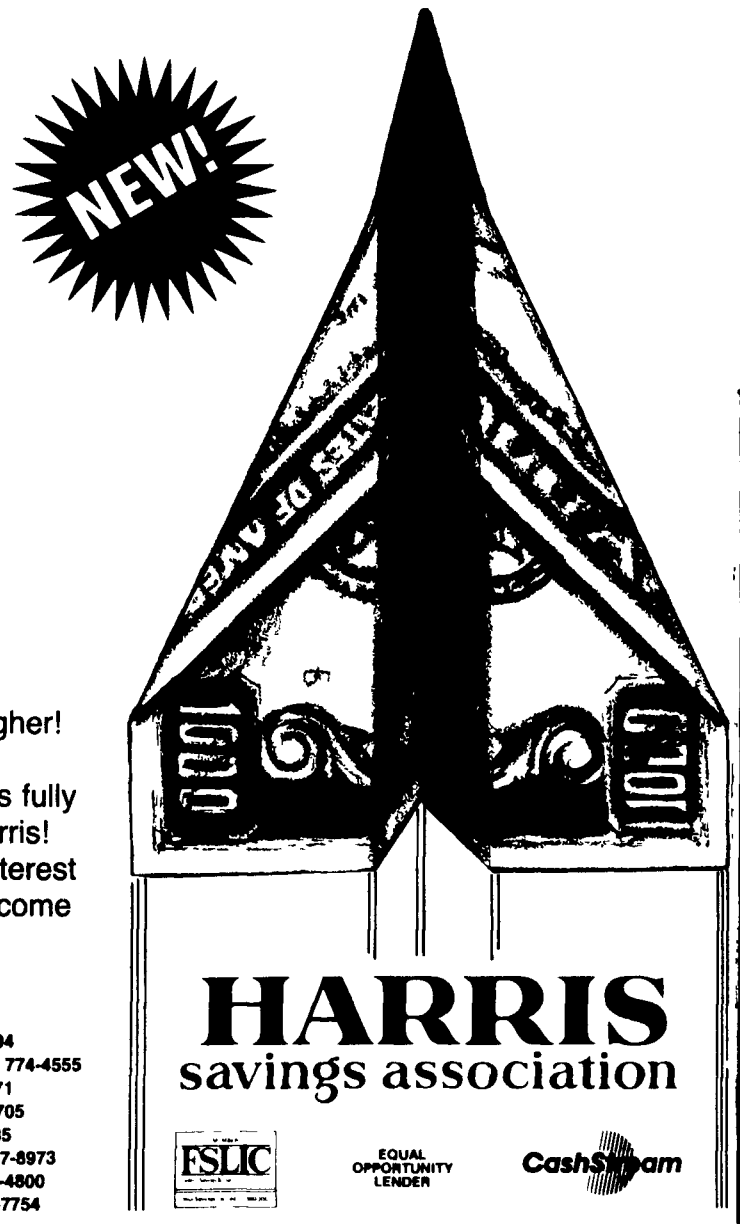

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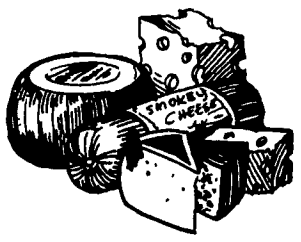
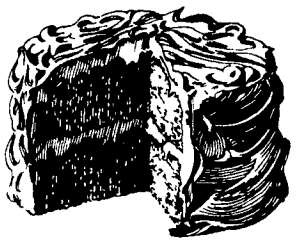


Home On The Range



Celebrate Washington's Birthday With Cherries

It's no wonder George Washington chopped down a cherry tree. The tree's luscious red fruit is irresistible to even the most stalwart individuals.

And as cooks observe Washington's birthday this month, many will turn to cherries for their central ingredient.

Lancaster Farming readers have their own battery of cherry recipes to celebrate this famous president's birthday. Everything from pudding to salad will earn applause from family and friends when cherries are included.

Enjoy the cherry recipes featured below and don't forget to share your own recipes too. The topics for the next three weeks are listed below!

FRUIT BLOSSOM COOKIES WITH CHERRY FILLING

⅔ cup shortening
¾ cup sugar
1 egg
½ teaspoon vanilla
2 cups sifted flour
1½ teaspoons baking powder
¼ teaspoon salt
2 tablespoons milk
Fruit filling

Cream together shortening and sugar. Add egg; beat until light and fluffy. Add vanilla. Sift together flour, baking powder and salt. Add to creamed mixture along with milk. Divide dough in half. Chill for 1 hour.

Roll dough 1/16 to 1/8-inch thick. Cut with 3-inch scalloped cookie cutter. Place about ½ teaspoon filling in center of half the cookies. Place 1½ inches apart on greased baking sheet. Cut out centers of remaining half of cookies with 1-inch round cutter; place on filled bottoms and press edges together with fork to seal.

Bake in 350°F. oven for 10 to 12 minutes. Remove from pan. Cool on racks. Makes about 2 dozen.

Cherry pie filling: Mash ¼ cup cherry pie filling.

CHERRY TORTE

1 cup flour
1 cup graham crackers, crushed
½ cup confectioner's sugar
1 cup chopped nuts
1 cup butter

Mix together and bake in cake pan for 10 to 15 minutes at 400°F. Cool this before adding the rest.

8 ounces cream cheese
1 cup confectioner's sugar
½ teaspoon vanilla
½ pint cream or 1 cup whipped cream

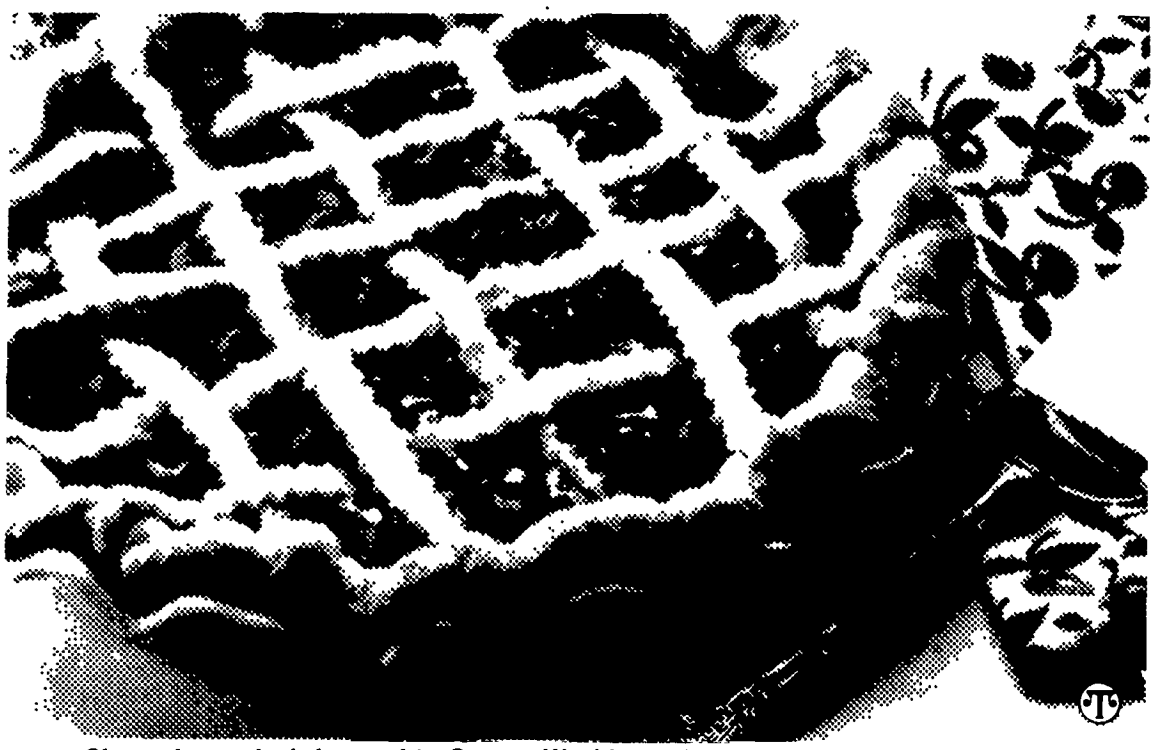
Pour on crust, cool then add cherry pie filling.

Rosene F. Martin
Myerstown

CHOCOLATE CHERRY FILLED CAKE

Cake:
¼ cup very warm water (105-115°F.)
1 package active dry yeast
1 cup milk
1 tablespoon sugar
2¾ cups all-purpose flour
¾ cup (1½ sticks) butter
2 cups sugar
⅔ cup hot water
½ cup cocoa
3 eggs, slightly beaten
1 teaspoon baking soda
½ teaspoon salt
½ teaspoon cinnamon
¼ teaspoon nutmeg
½ teaspoon vanilla extract
½ teaspoon almond extract
Filling:
1 package (3¾ ounce) instant French vanilla pudding and pie filling
1 cup whipping cream
½ cup milk
⅓ cup toasted sliced almonds
1 can (1 pound 5 ounces) cherry pie filling
Confectioner's sugar, if desired

For cake, dissolve yeast in warm water. Heat milk to 110°F. to 120°F. Combine yeast mixture, milk, 1 tablespoon sugar and 1½ cups flour in large mixing bowl. Beat on medium speed of mixer until smooth, about 2 minutes. Cover; let rise in a warm place until mixture is doubled in bulk and light and spongy, about 45 minutes. Meanwhile, cream butter and 2 cups sugar in small mixing bowl until light and fluffy; set aside. Combine hot water and cocoa until smooth; cool to lukewarm. Add butter mixture and cocoa mixture to yeast mixture. Beat in eggs, remaining 1¼ cups flour, baking soda, salt, cinnamon, nutmeg and extracts. Beat at low speed of mixer 5 minutes, scraping sides of bowl occasionally. Pour into well buttered and floured 12-cup bundt pan. Let rise, uncovered, in warm place until about 1-inch from top of pan. Preheat oven to 350°F. Bake 40 to 45 minutes or until a wooden pick inserted in center comes out clean. Let rest in pan 15 minutes. Remove from pan and cool completely on wire rack. To serve, split cake in half horizontally. For filling, beat pudding mix, whipping cream and milk in small mixing bowl on medium speed of mixer until thick and fluffy, about 2 minutes, scraping sides of bowl frequently. Place bottom of cake on serving plate. Spread filling over nuts. Top with top portion of cake. Dust with confectioner's sugar



Cherry lovers look forward to George Washington's birthday and the luscious treats creative cooks concoct to celebrate it. Cherry pie is a traditional favorite.

CHERRY NUT ANGEL FOOD

1 cup flour
¾ cup plus 1 tablespoon granulated sugar

Measure and sift three times.

1½ cup egg whites
1½ teaspoon cream of tartar
Pinch of salt
1½ teaspoons vanilla

Beat egg until foamy; gradually add ¾ cup sugar, 2 tablespoons at a time. Beat each time about 10 seconds. After last addition, beat until whites hold stiff peaks. Fold in flour mixture. Add ½ cup crushed fresh cherries or maraschino cherries and ½ cup ground nuts. Bake in greased tube pan for 1 hour at 350°F. Invert cake on rack to cool.

Betty Biehl
Allentown

WINTER FRUIT BOWL

1 1-pound can pitted dark sweet cherries
1 13½-ounce can pineapple tidbits
1 11-ounce can mandarin orange segments
1 cup seedless grapes
1 tart apple
Dressing (optional)
½ cup dairy sour cream
1 tablespoon honey
1 tablespoon orange juice

Chill all fruit. Drain thoroughly, place in large bowl with grapes. Cut apple into thin wedges, add to fruit. Combine dressing ingredients, add to fruit if desired. Toss until fruit is well coated.

CHERRY CHEESE SALAD

1 3-ounce package raspberry flavored gelatin
2 cups boiling water
1 (1 pound 5 ounce) can cherry pie filling
1 3-ounce package lemon flavored gelatin
1 3-ounce package cream cheese
⅓ cup salad dressing or mayonnaise
1 8-ounce can crushed pineapple
½ cup heavy cream whipped
1 cup miniature marshmallows
3 tablespoons chopped pecans

Dissolve raspberry gelatin in 1 cup boiling water; stir in cherry pie filling. Pour into a 9-inch square pan and chill until partially set. Dissolve lemon gelatin in 1 cup boiling water. Beat together cream cheese and salad dressing. Gradually add lemon gelatin. Stir in undrained pineapple. Fold in whipped cream, then marshmallows. Spread evenly over cherry layer; sprinkle top with pecans. Chill. Makes 9 servings.

CHERRY PIE

2 1-pound cans pitted sour red cherries, packed in water
¾ cup sugar
3 tablespoons cornstarch
Double crust pastry

Drain cherries; reserve ⅓ cup liquid. In large bowl, stir together sugar and cornstarch. Gradually stir in reserved liquid until smooth. Add cherries; toss to coat well. Line 9-inch pie plate with one-half pastry rolled to 1/8 inch thickness, allowing 1-inch overhang. Spoon cherry mixture into pie plate. Roll remaining pastry into 12-inch circle. With pastry wheel or knife, cut into 10 ½-inch strips. Place 5 of the strips over filling. Weave lattice crust with remaining strips by folding back alternate strips as each cross strip is added. Fold trimmed edge of lower crust over ends of strips; seal and flute. Bake in 425°F. oven for 15 minutes. Reduce heat to 350°F. and bake 45 minutes longer or until crust is golden and filling is bubbly. Makes 1 9-inch pie.

CHERRY CUSTARD

3 tablespoons flour
3 tablespoons granulated sugar
2 eggs
Pinch of salt

Mix above ingredients together with mixer, then blend in:

2 cups milk (can add a little extra milk if needed at end to fill dish to top). Then stir in cherries (about 1 pint) and lasty fold in stiffly beaten egg whites. Bake 50 minutes (at 400°F. for the first half and 375°F. for the second half).

Mrs. Robert G. Moser
Barto

(Turn to Page B8)

Recipe Topics

If you have recipes for the topics listed below, please share them with us We welcome your recipes, but ask that you include accurate measurements, a complete list of ingredients and clear instructions with each recipe you submit. Send your recipes to Sue Keene, Lancaster Farming, P.O. Box 366, Ephrata, PA 17543

February

14- Valentine Sweet Treats
21- Potatoes
28- Cake Frosting

Featured Recipe

Despite warnings about the link between eating eggs and heart disease, most people can eat as many eggs as they please without risk, according to research conducted by Dr. Margaret Flynn, professor emeritus, department of family medicine, University of Missouri.

Dr. Flynn fed eggs to 70 people who alternated eating three eggs a day for three months with eating no eggs for three months and found only minor changes in the amount of serum cholesterol in their blood. The study concluded that 85 percent of Americans metabolize cholesterol correctly. Dr. Flynn said most people need not worry about what foods they eat, as long as they maintain a normal weight and eat in moderation.

This week's featured recipe uses hard-cooked eggs in a vegetable-rich filling mixture. Pronto Egg-Ritos, a cool, fresh-tasting burrito recipe, won Kathleen Stubler of Kansas City, Kansas, first place in the adult division of the 1986 National Egg Cooking Contest.

Pronto Egg-Ritos

1 cup chopped tomatoes
1 cup (4 ounces) shredded Monterey Jack cheese
¼ cup chopped green onions with tops
8 hard-cooked eggs, chopped
1½ cups chopped fresh spinach (about 2 ounces)
1 cup (8 ounces) picante sauce, divided
1 can (16 ounces) refried beans
½ can (4 ounces) drained chopped green chilies
1½ teaspoons chili powder
8 8-inch flour tortillas
1 cup (8 ounces) dairy sour cream
Green onion fans, optional

In large bowl, toss together tomatoes, cheese and onions. Set aside ½ cup of the mixture. To remaining mixture, stir in eggs, spinach and 2/3 cup of the picante sauce. Set aside.

In small bowl, blend together beans, chilies and chili powder. Spread ¼ cup of the bean mixture on each tortilla. Spoon ½ cup of the reserved egg mixture down center of each tortilla over beans. Carefully roll tortillas, fastening with wooden pics, if necessary. Stir together remaining picante sauce and sour cream. Spread 2 tablespoons of the sour cream mixture over each rolled tortilla and top each with 1 tablespoon of the reserved tomato-cheese mixture. To serve, on large round platter, arrange tortillas in wheel fashion. Garnish with onion fans, if desired.

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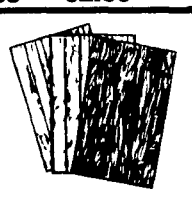

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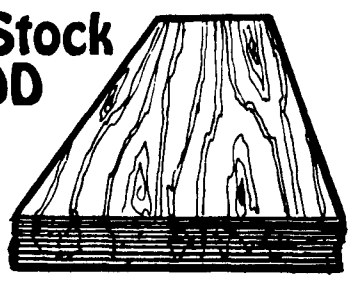

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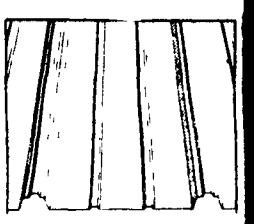

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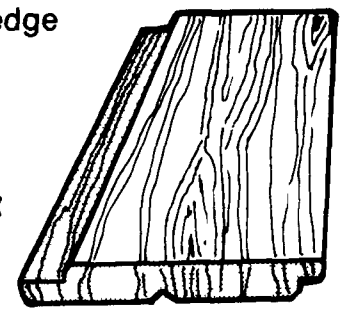

77¢ PER LIN. FT

BARN SIDING

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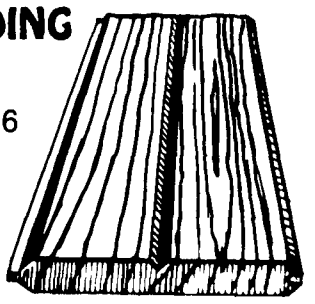
•Pattern #116
•Grade #3



32¢ PER LIN FT

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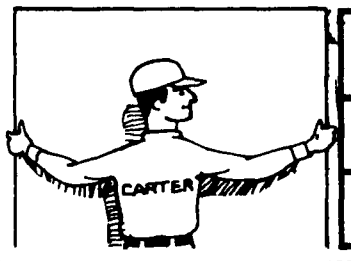

½"x4'x8' R-3.6	$5.65
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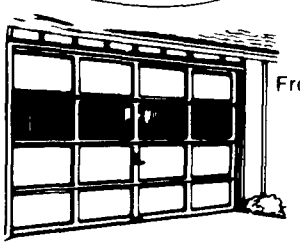

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CARTER 1987

Cook's Question Corner

If you are looking for a recipe but can't seem to find it anywhere, send your recipe request to Cook's Question Corner, care of Lancaster Farming, P.O. Box 366, Lititz, Pa. 17543. There's no need to send a SASE. If we receive an answer to your question, we will publish it as soon as possible.

Answers to recipe requests should be sent to the same address.

QUESTION - Mrs. W. Eugene Larrick, Winchester, Va., would like recipes for pepper slaw, chow chow and shoofly pie.

QUESTION - Mrs. Melvin Cranston, Fredonia, N.Y., would like recipes using goat milk, especially goat milk fudge.

QUESTION - Mrs. Ruth Davies, Gettysburg, would like a recipe for steamed dumplings in boiling water.

QUESTION - Mrs. Edwin Rissler, New Enterprise, would like to know how to make cheese with rennett tablets that is good enough for guests. She adds, "When you cure it two weeks in the refrigerator, what do you wrap it with?"

QUESTION - Marian Guyaux, McDonald, would like recipes for Belgian waffles and for tomato pie.

QUESTION - Darlene Kates, Mauricetown, N.J., would like a recipe for arrowroot cookies like Nabisco makes for little children.

QUESTION - Mrs. Clyde Utt, Kempton, would like a recipe for homemade steak sauce using pizza sauce

QUESTION - Betty Biehl, Allentown, requested a recipe for beef vegetable pie. Thanks go to Mrs. Eva Southard, Glen Rock, for sharing the following recipe.

Beef Vegetable Pie

1½ pounds lean beef
2 tablespoons shortening
Boiling water
1½ teaspoons salt
¼ teaspoon pepper
4 raw potatoes
5 raw carrots
2 large onions
¼ cup flour
Pie pastry for 1-crust pie

Preheat oven to 425°F. Have a 1½-quart baking dish ready.

Wipe the meat with a clean damp cloth. Cut into ½-inch cubes, brown on all sides in shortening. Add enough boiling water just to cover meat. Add salt and pepper, cover and simmer about 40 minutes. Wash, peel and quarter the potatoes and carrots. Peel and slice the onions. Add vegetables to the meat and simmer until tender Mix ½ cup cold water with the flour to make a smooth paste. Stir into the simmering liquid and stir 1 or 2 minutes. Pour the meat and vegetables and their gravy into the baking dish. Cover with parsley rolled ¼-inch thick. Crimp edges and cut a few dashes in the top to permit steam to escape. Bake 15 minutes or until golden brown.

Pie Dough

1½ cups sifted all-purpose flour
½ teaspoon salt
½ cup shortening
3 tablespoons water

Sift flour before measuring Combine flour and salt in a mixing bowl With a pastry blender or two knives, cut in shortening until fairly coarse. Sprinkle with water, a tablespoonful at a time. Toss with fork. Work dough into a firm ball with your hands. Roll on floured surface to size to fit baking dish.

ANSWER - Charles Dively, Spring Run, requested a recipe for homemade ice cream Thanks go to Cindy Hoffman, Richfield, for the following recipe.

Cindy's Homemade Ice Cream
(For 6-quart freezer)

6 eggs, beaten
2½ cups sugar
1 package instant pudding (optional)
1 to 1½ quart cream
Milk to fill can to 6 inches from top

Crank happily until creamy!

ANSWER - Mrs. Richard Wells, Waymart, requested a recipe for no-bake cheesecake. Thanks go to Elizabeth Riehl, Leola, and Fran Westfall, Spring Grove, for the following recipes. Thanks also to all others who shared no-bake cheese cake recipes

No Bake Cheese Cake

6 tablespoons melted butter
2 cups graham cracker crumbs

Melt the butter, mix with crumbs and put in a pan

2 tablespoons plain gelatin
½ cup sugar or honey
4 eggs, separated
2 cups milk
2 tablespoons lemon juice
8 ounces cream cheese
½ cup dry milk
½ cup water

Let the gelatin, sugar or honey, egg yolks and milk set a few minutes before slowly cooking the mixture until it thickens. Soften cream cheese and add the lemon juice. Stir. Combine gelatin mixture and cream cheese. Let cool.

Beat egg whites and add ¼ cup honey. Add this to gelatin mixture when cool. Beat the dry milk and water, then fold everything together and pour over graham cracker crumbs.

Note: I don't like my desserts rich, so if you prefer a sweeter dessert, add more sugar. And, 2 cups whipped cream can be used instead of the dry milk and water.

Cherry O. Cream Cheese Pie

1 9-inch crumb crust OR 1 9-inch baked pastry shell
1 8-ounce package cream cheese
1⅓ cups (15-ounce can) sweetened condensed milk
⅓ cup lemon juice
1 teaspoon vanilla extract
1 1-pound 6-ounce can prepared cherry pie filling.

Let cream cheese soften to room temperature. Beat until fluffy. Gradually add condensed milk while mixing; stir until blended. Add lemon juice and vanilla extract. Blend well. Pour into prepared crust. Chill 2 or 3 hours before garnishing top of pie with cherry pie filling.

ANSWER -Maude Burns, St. George, W. Va., requested recipes for pearl tapioca without milk. Thanks go to Mrs. Samuel Zook, Christiana, for the following recipe.,

Tapioca Jello

5 cups boiling water
½ cup baby pearl tapioca

Soak overnight. Then cook for 7 minutes or until almost clear. Add:

1 cup sugar
1 small box orange-flavored gelatin

When ready to serve, add oranges and whipped topping

ANSWER - A reader in New York requested suggestions for using whey Thanks go to Mrs D M Stauffer, Loveville, Md., for sharing the following suggestions

Whey can be used as a base for fruit ades to create a nutritious cold drink, or as the liquid called for in yeast doughs It makes plain white bread seem like French bread. It may be boiled down a half for a partial sweetener for baking (be careful not to scorch). Another use is sweet cream for butter — same temperature and process as clabber or sour cream. Be sure to chill first to remove animal heat. We've sold up to 60 pounds a week at our stand to a lady who makes it thus and customers rave!

Cherry Recipes

(Continued from Page B6)

CHERRY DESSERT SUPREME

Crust:
1½ cups flour
2 tablespoons sugar
1 cup chopped pecans
¾ cup butter or margarine, softened
Filling:
1 8-ounce package softened cream cheese
2 cups confectioner's sugar
1 pint heavy cream (whipped)
Topping:
1 can cherry pie filling

For crust, mix ingredients well. Press into bottom of a 9x11-inch pan. Bake at 350°F. about 20 minutes. Cool. Mix together softened cream cheese and sugar. Add whipped cream and blend well. Spread over cooled crust. Pour cherry pie filling over the top. Chill well. Serves 10 to 14.

Mrs. Clair Hurst
Kirkwood

CHERRY PIE SUPREME

1 9-inch unbaked pie shell
1 (1 pound 5 ounce) can cherry pie filling
4 3-ounce packages softened cream cheese
½ cup sugar
2 eggs
½ teaspoon vanilla extract
1 cup dairy sour cream

Prepare pie shell. Spread half of cherry pie filling in bottom; set rest aside. Bake shell at 425°F. for 15 minutes. Remove from oven. Reduce oven temperature to 350°F. Meanwhile, in small bowl, with portable mixer, beat cheese with sugar, eggs and vanilla until smooth. Pour over hot cherry pie filling; bake 25 minutes. Cool completely on wire rack. To serve: Spoon sour cream around edge of pie. Fill center with remaining cherry pie filling. Makes 8 servings.

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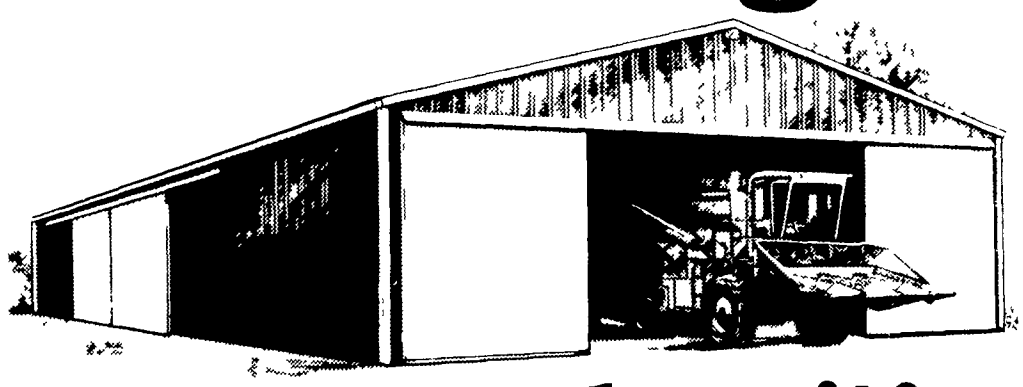

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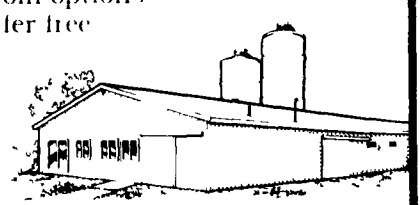

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THE MICRO WAY

LANI BLOOMER

Desserts For February Holidays

Traditional goodies for the upcoming February holidays are cherries and chocolate. Here are two delicious new microwave desserts using cherries or chocolate. Whip up one of these this month for family or company treats.

Cherry Bread Pudding is a good old fashioned dessert that's quick and easy to microwave. It can be mixed up in just a few minutes. But I warn you, it will disappear just as fast!

Cherry Bread Pudding

¼ cup margarine or butter
1 21-ounce can cherry pie filling
4 slices firm or slightly stale bread, cubed
¾ cup milk
3 eggs
1 tablespoon lemon juice
½ cup sugar
¼ teaspoon almond extract or ½ teaspoon vanilla extract

1. Place margarine in 1 quart measure or microsafe bowl. Microwave on high for 45 to 60 seconds, until melted. Set aside.

2. Spread cherries evenly in the bottom of a 9-inch round or 8-inch square microwave pan. Microwave on high for 4 minutes, stirring once halfway through, until cherries are hot and bubbly.

3. Place bread cubes in a mixing bowl and dribble melted margarine over top, tossing to coat. Combine remaining ingredients (use the container in which the margarine was melted to save dishwashing) and beat well. Pour over bread cubes and stir gently to mix.

4. Spoon bread cubes over hot cherries, then pour any remaining egg mixture over top. Leave uncovered.

5. Microwave on high for 5 minutes. Gently stir pudding to mix cooked edges in with uncooked center part and to mix cherries up with bread cubes.

6. Leave uncovered and microwave on medium (50,5) for 5 to 8 minutes, until pudding is almost firm in center. (A knife inserted near the center should come out clean of egg mixture, but may get cherry on it.) Let cool about 10 minutes before serving. Serve warm with ice cream if desired, or chilled. Serves 6.

Tips: Pudding looks prettiest if the cherries are about half mixed up with the bread cubes, so don't stir too much in step 5.

— Other pie filling flavors may be substituted for cherries. For apple filling, sprinkle top with cinnamon after stirring in step 5.

For a fancier, more elegant dessert, or for anyone who loves chocolate, try Sweetheart Fudge Pie. This rich pie doesn't take long to mix or microwave, but needs a prebaked pie crust.

Sweetheart Fudge Pie

1 prebaked 9-inch pie shell
½ cup butter or margarine
¾ cup sugar
3 eggs
1 12-ounce package semisweet chocolate chips
1 teaspoon vanilla
½ cup flour
1 cup chopped walnuts
½ cup whipping cream, whipped or whipped topping, or ice cream, optional

1. Place chips in a microsafe 2-quart measure or bowl and microwave on medium (50,5) for 4 minutes, stirring once halfway through. Stir again, until smooth and glossy. If not all chips are melted, microwave on medium 1 to 2 minutes longer, then stir until smooth.

2. In mixer bowl, cream butter well. Continue beating and gradually add sugar. Add eggs one at a time, beating after each until very light and fluffy. Stir in melted chocolate and vanilla, mixing well. Then stir in flour and nuts.

3. If mixer bowl is not microsafe, transfer batter to bowl or measure that was used to melt chocolate. Microwave on high for 4 minutes, stirring after 2 minutes, until filling is hot. Stir well, then spoon filling into baked pie shell.

4. Microwave on medium, (50,5) for 3 to 5 minutes, until filling is set near center. Cool 10 to 15 minutes before serving, and serve warm topped with ice cream.

5. Or, cool to room temperature and decorate pie with whipped cream hearts: Fill a cake decorating tube with whipped cream. On a waxed paper covered cookied sheet, outline heart shapes with whipped cream. Then fill in center of heart to make solid shapes. Freeze hearts (up to 6 to 8 hours) until needed. Ten minutes before serving, gently peel frozen hearts off waxed paper and place on top of room temperature pie to thaw. Be sure to warm pie to room temperature before placing hearts on top (the hearts melt if microwaved or if the pie is too warm!). Store leftovers covered in refrigerator. Makes 10 servings.

Tips: This pie filling is soft and fudgy when warm, but very firm and difficult to cut when chilled. Serve pie warm or at room temperature. To warm refrigerated pie, microwave on medium (50,5) for 4 to 6 minutes, rotating pie plate once halfway through.

— For a Mocha Fudge Pie, replace sugar with ¾ cup packed brown sugar, and add 2 teaspoons instant coffee powder when beating in sugar.

Note: The times above are for microwaves with 600-700 watts. For 500 W, add 10-15 seconds to each minute.

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Delaware Extension Offers Farm Safety Course For Teens

NEWARK, Del. — A safety training course for teenagers who want to work on farms this summer will be offered in March by the Delaware Cooperative Extension System.

According to Ron Jester, University of Delaware extension safety specialist, federal law prohibits youth under 16 from working in certain hazardous agricultural operations unless they have an exemption certificate from a safety training course. Fourteen- and 15-year-old farm workers can receive exemptions by completing this course. Although youngsters working on their parents' farms don't need a certificate, Jester recommends the course for all farm youth.

The training program will be a correspondence course with three formal classes. The final class will include written tests and a tractor driving test. Classes will be held at night, and the sites will be determined after applications are in.

To register, call the county extension office in Georgetown (856-7303), Dover (697-4000) or Newark (451-2506).

Jester says that safety training is essential for teenagers, who have the highest accident rate in agriculture.

Hazardous jobs closed to youths without safety training include:

- operating a tractor with more than 20-belt horsepower,
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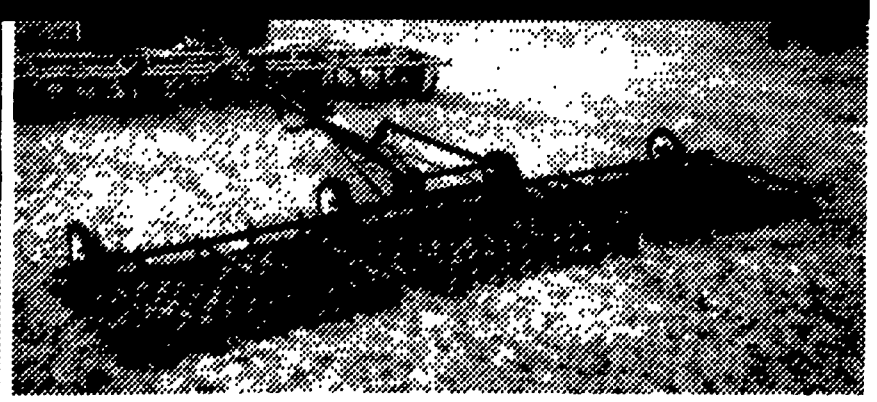

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Short-Line Railroads Boom In Recent Years

UNION BRIDGE, Md. – Jim Stuckey has enough day-to-day headaches running his little railroad without suffering the kind of near-disaster that struck a few Sundays ago.

Somebody who knew what he was doing sneaked up during the night, removed the chocks from two loaded freight cars and let the air out of the brakes. The two cars took off on a freewheeling journey that ended 8.5 miles down the track.

Impaled on the coupler of the front car was an automobile, caught broadside at a crossing. Inside the car was the driver, a terrified but uninjured woman.

"This is the type of thing over which we have virtually no control," says Stuckey, president of the Maryland Midland Railway. "This kind of thing can mean insolvency." But this time he was lucky. A scare didn't become a tragedy.

Shorter Than 100 Miles

Such are the problems that can bedevil the owners of America's rapidly expanding short-line railroads. By loose definition, a short line has fewer than 100 miles of track and average annual operating revenues of no more than $17.6 million, and operates in interstate commerce. Most carry freight only; a few also offer passenger excursions.

At latest count, there are 350 to 375 short lines in this country, says Thomas C. Dorsey, vice president, general counsel, and secretary of the American Short Line Railroad Association in Washington, D.C.

In 1972 there were only about 200. About 150 have been formed since 1980 alone. By 1990, Dorsey estimates, the total may be close to 500.

The short-line boom was born in 1970 with the bankruptcy of the Penn Central, which led to the formation of Conrail in 1976 through the consolidation of seven bankrupt or unprofitable eastern lines. In 1980 Congress passed a law that speeded and simplified procedures for large railroads to abandon their short, unprofitable segments.

This "brought a new interest in railroads by entrepreneurs," Dorsey says, and created "a natural mix that has blossomed since 1980."

Among the ingredients of that mix is the absence of costly and restrictive work rules that govern large roads. A typical short line has a lean, versatile, non-union staff. Like many short-line presidents, Jim Stuckey often drives a locomotive himself.

As the big railroads prune their systems through abandonment, the entrepreneurs move in and turn the short lines into profitable enterprises, usually as freight-haulers. In recent years, Dorsey says, "you can count on your hands the number of failures in the short-line railroad business."

Fears Restrictions

He is concerned, though, about the business's future. One priority of organized labor in the new Democratic Congress is to strength protection for short-line employees. Strong restrictions on management "would kill the short-line boom that we've seen in recent years," Dorsey says. "Prospects for future growth would be stifled."

He and others acknowledge railroading's romantic aura, the durable mystique that attracts many of the entrepreneurs in the first place.

But, Dorsey says, "I don't know of anyone that's invested as a tax write-off or solely because he has a lot of spending money gained in some other area. As far as I know, they're all good, solid businessmen looking for the buck in the old-fashioned way."

Stuckey doesn't fit that mold. He is a soft-spoken Alabamian, a retired Army veterinarian, and a lifelong lover of trains. He and a small group of investors bought the Maryland Midland in 1978, began operations on 18 miles of track in 1980, and acquired 37 more miles in 1983.

It hasn't been easy. On the very first run of the new line, the locomotive's brakes weren't working. The big diesel slammed into a loaded freight car and, according to a history of the road, "while many well wishers shared our embarrassment, No. 102 limped off on one diesel engine to Walkersville for inspection and repairs."

"In many respects it's an extremely tough business, there's no two ways about it," Stuckey says. "You essentially walk a tightrope at any moment." Maryland Midland almost fell off the tightrope into bankruptcy during the 1982-83 recession, he says, but the initiation of passenger tours into the nearby Catoctin Mountains saved it. The tours remain an important part of the business.

Maryland Midland's troubles pale compared with those of the South Branch Valley Railroad in Moorefield, W. Va. Most of that road's 52.4 miles were knocked out of commission by a devastating flood in November 1985.

Ok Except For Flood

South Branch, perhaps the only state-operated short line, was "really looking like a railroad" a few months before the flood, says Donald J. Baker Jr., executive director of the West Virginia Railroad Maintenance Authority.

The estimated damage was $9.2 million and included the loss of four major bridges. Repairs have started and a nine-mile segment is operating, but Baker thinks it's unlikely that the line will return to full operation before spring 1988.

In contrast, the Strasburg Rail Road, with its immaculately maintained vintage steam locomotives and passenger cars, thrives as an excursion line. Each tourist season it hauls more than 300,000 riders on a nine-mile round trip from its East Strasburg, Pa., terminal through Amish farm country to Paradise, Pa. Freight revenues are minimal.

"Really, what we're doing here is putting on a show," says Ellis R. Bachman, the Strasburg undertaker who is vice president of the short line, which dates back to 18[illegible] and calls itself the oldest continually operating railroad in North America. "We're trying to keep the atmosphere of old-time railroading."

Locomotive No. 90, largest engine of the Strasburg Railroad Co., steams through Amish farm country on its nine-mile round trip between Strasburg and Paradise, Pa. The excursion line, one of the nation's more than 350 short-line railroads, dates back to 1832 and carries 300,000 passengers a year.

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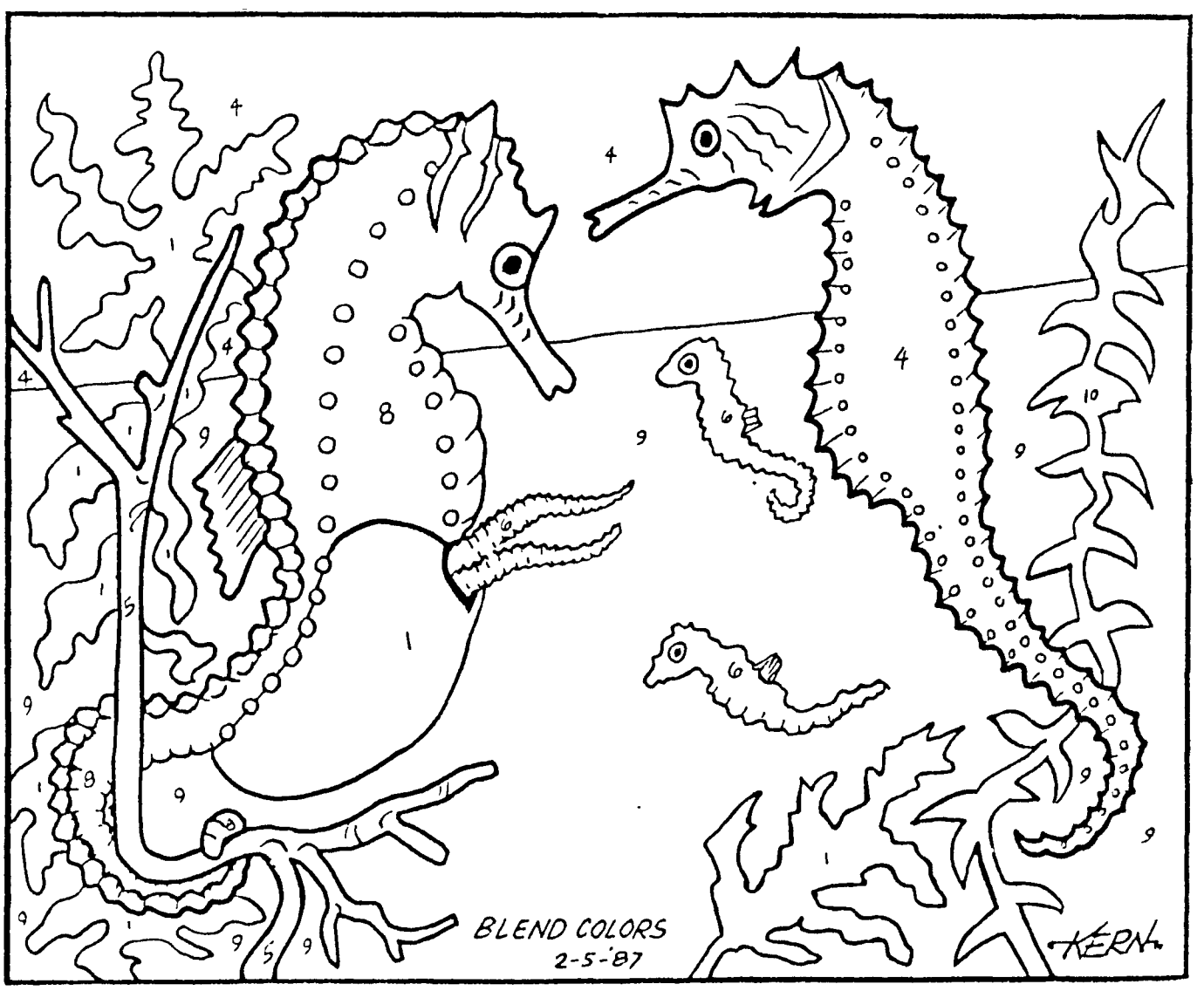

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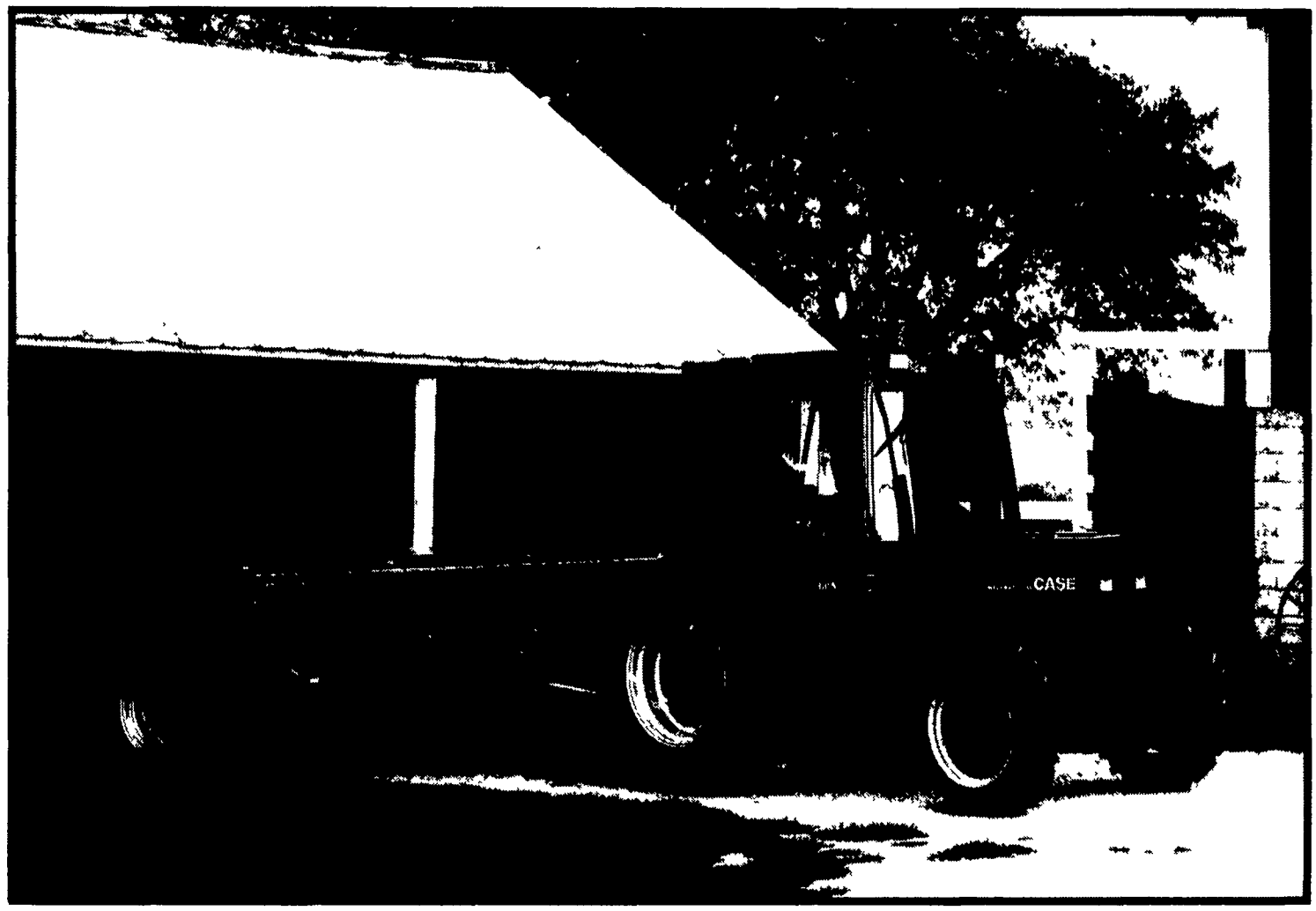

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Farm Women Societies

Lancaster Society 22

The Lancaster County Society of Farm Women #22 met in January at the home of Pat Landis, with Millie Landis serving as co-hostess. Jim Diller, son of Society member Ann Diller, spoke on his experiences as a member of the Youth Evangelism Service sponsored by the Eastern Mennonite Board of Missions. He spent time in France on the short term mission program.

There was a report on the state convention. Contributions totaling $500 were made to the Doug Sensenich family, Water Street Rescue Mission, the 4-H Therapeutic Riding program, and the House of His Creation.

The next meeting will be Feb. 10 at the home of Nancy Witmer in Millersville at 1 p.m. The program will be presented by the Lancaster County Coalition of the Chemical People.

Berks Society 11

Berks Society 11 held its first meeting of 1987 recently at the home of Ada Hibshman. Six members were present.

President Fran Dubble conducted a short business meeting. Members decided to hold a fund-raising bake sale in February at Brown's store in Hamlin.

The next meeting is set for Feb. 23.

Extension Home Economists Elect Officers

The Pennsylvania Association of Extension Home Economists elected their officers for 1987 during a recent meeting at Penn State's University Park campus. They are, from left, Margaret Malehorn, secretary, Cumberland County; Cynthia Walls, second vice president, Lehigh County; Ruth Prest, president, Crawford County; Barbara McKee, first vice president, Armstrong County; and Jacqueline Wirth, treasurer, Philadelphia County.

Green Valley Society 26

Members of Green Valley Society 26 met recently at the home of president Luna Kohler. Fourteen members attended.

A report on the State Convention was given by the delegates.

Naomi Cashner, Mary Hake and Luna Kohler celebrated birthdays in January.

The group's February meeting will be held at "Two Brother's" restaurant at Old Trail and Robinhood Drive.

Cumberland County Executive Board

The Cumberland County Executive Board met Feb. 2 at the county Extension office in Carlisle. President Mary Weir presided over a meeting attended by 26 members.

Members answered roll call by stating how the Bible helps them in living their daily lives.

Each of the 23 group presidents received an award for 100 percent participation in the annual safety program.

The next board meeting is scheduled for April 6 at the Extension office..

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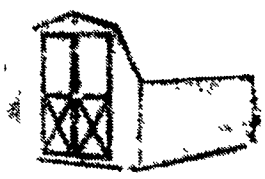

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Feb. 18, 19, 20, 21

Look For Full Details In Sec. C of Next Week's Paper

Featuring The Following...

Wed., Feb. 18th, 12 Noon - John Collins, Indianapolis, Indiana - Discussing Nuts & Bolts - Believe It! 89¢/Lb.

Thurs., Feb. 19th, 11:00 AM
Our First - 1987 Ag Review

Fri., Feb. 20th, 12 Noon - Bill Shull, General Battery, Toledo, Ohio - Excellent Speaker - Don't Miss It!

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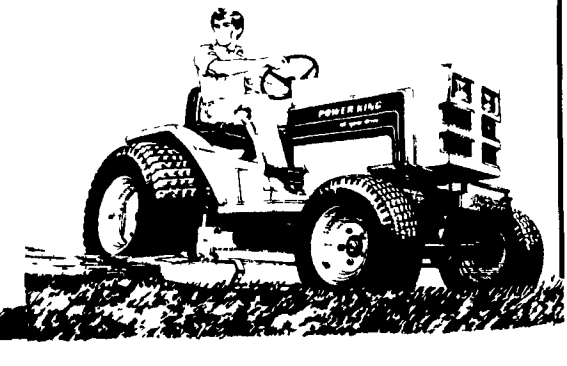

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F.W.S. Calendar

Saturday, February 7

Lancaster Society 6 meets at the home of Mr. and Mrs. Martin Spangler at 2 p.m.

Saturday, February 14

Lancaster Society 3 meets.

Hostesses are Betty Parks, Ethel Landis and Laura Denlinger.

Lancaster Society 19 meets at 1:30 p.m. for a book review by Beth Dumm. Hostesses are Mary Hollinger and Blanche Miller.

Entries Needed For Apple Stitchery Contest

BIGLERVILLE — An apple stitchery contest will be held this year in conjunction with the Apple Blossom Festival, scheduled for May 2 and 3 in Arendtsville, Adams County.

All entries with an apple theme must be completed between May 1986 and May 1987 and be entered by the original stitcher.

Categories of competition are quilting, crewel embroidery, candlewicking, counted cross stitch, applique, needlepoint/petit point, miscellaneous and a new class of only original designs.

Judging will be based on workmanship, uniqueness/creativity, degree of difficulty, finishing (framing, trim, etc.), and the overall appearance.

More information and a list of contest rules are available from Sheryl Snyder, 3279 Biglerville Road, Biglerville, Pa. 17307. Telephone: 717-677-7004.

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	Chestnut	Confetti Vinyl	
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	Chestnut	Cherrywood Vinyl	
	Chestnut	Sand Vinyl	
	Chestnut	Amber Linen Vinyl	
	Chestnut	Beige Linen Vinyl	
	Taupe	Cherrywood Vinyl	
	Taupe	Beige Linen Vinyl	
	Camel	Sand Vinyl	
	Camel	Amber Linen Vinyl	
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	Taupe	Cherrywood Vinyl

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How Many	Frame Color	Upholsteries
	Chestnut	Amoretta Vinyl
	Taupe	Cherrywood Vinyl

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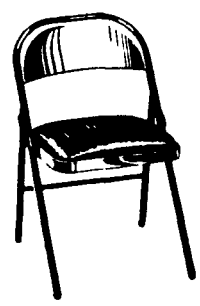
Model 37

Early Order Price **$55.80 case** case of 4

Sugg. Retail $138.60

How Many Cases	Frame Color	Upholsteries
	Black	Black Vinyl
	Chestnut	Cherrywood Vinyl
	Chestnut	Moonmist Vinyl
	Chestnut	Confetti Vinyl
	Chestnut	Sand Vinyl
	Chestnut	Amber Linen Vinyl
	Chestnut	Beige Linen Vinyl
	Chestnut	Amoretta Vinyl
	Taupe	Cherrywood Vinyl
	Taupe	Beige Linen Vinyl
	Camel	Sand Vinyl
	Camel	Amber Linen Vinyl
	Mist Grey	Grey Linen Vinyl



Vinyl Upholstery

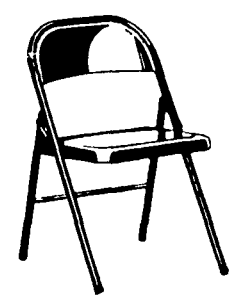
1½" Padded Seat Chair with Contoured Steel Back

Model 39

Early Order Price **$51.80 case** case of 4

Sugg. Retail $114.00

How Many Cases	Frame Color	Upholsteries
	Chestnut	Moonmist Vinyl
	Chestnut	Confetti Vinyl
	Chestnut	Amoretta Vinyl
	Chestnut	Cherrywood Vinyl
	Chestnut	Sand Vinyl
	Taupe	Cherrywood Vinyl
	Taupe	Beige Linen Vinyl
	Chestnut	Beige Linen Vinyl
	Chestnut	Amber Linen Vinyl
	Mist Grey	Grey Linen Vinyl
	Camel	Sand Vinyl
	Camel	Amber Linen Vinyl
	Black	Black Vinyl



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Model 33

Early Order Price **$27.80 case** case of 4

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	Black
	Slate Blue
	White
	Chestnut
	Fuchsia
	Teal
	Red
	Blue
	Camel
	Taupe
	Garnet
	Mist Grey

Fabric Upholstery

1½ Padded Seat Chair With Cushioned Back

Early Order Price **$59.80 case** case of 4

Sugg. Retail $148.40

How Many Cases	Frame Color	Upholsteries
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	Chestnut	Acorn Fabric
	Chestnut	Smoke Fabric
	Chestnut	Peach Fabric
	Chestnut	Desert Fabric
	Taupe	Sandlewood Fabric
	Taupe	Mocha Fabric
	Mist Grey	Horizon Fabric
	Mist Grey	Wedgewood Fabric
	Mist Grey	Desert Fabric

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Larry Ragan, left, and Dr. Jill Findeis look over the brochure for the 1987 Governor's School for Agriculture. Ragan taught computer applications to the students while Findeis taught agricultural economics; both were pleased with the high level of enthusiasm displayed by the 60 students attending the first school.

Application Deadline is Feb. 27

Students Acclaim Governor's Ag School

BY SALLY BAIR
Lancaster County Correspondent

UNIVERSITY PARK — "It was one of the best summers I ever had," Randy Risser says without hesitation. Nicole Rovner agrees, "I got so much more out of it than I ever expected."

What they are commenting on is the Pennsylvania Governor's School for Agriculture, which is now accepting applications for its second session to be held at the Pennsylvania State University June 28 through Aug. 1.

The five-week school is designed to introduce outstanding high school juniors and seniors to the diversity of agriculture. The five weeks are filled with hands-on experiences in labs, lectures, field trips and visits with college professors, and, according to these two Lancaster County participants in the first-ever program last summer, it is an experience worth cheeking into.

Nikki, a senior at Hempfield High School, says she has known since she was little that she wanted to attend Penn State. However, the five-week Governor's School "made me more enthusiastic about Penn State. I met a lot of professors I will have when I am there."

Although she has already made plans to study wildlife science, Nikki says, "The School made me more aware of what was available as far as majors."

Risser, a senior at Solanco High School, does not plan to attend Penn State, but said, "It taught me a lot about college, and I feel good about going to college."

He said about 50 percent of the 60 students attending the school were from farms. He grew up on a farm near Holtwood with a grain business, and has been active in the Future Farmers of America. But he admits that he learned a lot more about the kinds of careers that are possible in agriculture. "We went everywhere and learned a little bit about everything."

Those who were non-farm students were definitely exposed to a wider understanding of agriculture, according to Risser, who added, "I was too."

Larry Ragan, educational coordinator for Agriculture Information Services with Penn State, taught uses of computers to the students. He says, "The kids were really, really excited. It was challenging to keep up with their interest level."

Ragan was surprised that so few of the students had computer experience, but said they quickly became enthusiastic about the capabilities of the computer. Each student was given an electronic mail account so that they could send messages via computer to each other and to professors. Some even requested sending a message to the county agent in their home county. Ragan said, "They ate it up. It generated so much interest we couldn't keep the lab open enough."

Dr. Jill Findeis taught critical issues and policies of agriculture economics to the group and says, "They seemed to have lots more energy than college students." This seemingly unending energy paid off in her course, which included a lot of discussion.

Their young age, and in some cases, lack of experience with agricultural issues, made the class interesting. Findeis says with a smile, "Because of their age, they wanted to see immediate payoffs. They wanted to have an immediate understanding of the 1985 Farm Bill." She said the mix of farm and non-farm kept the discussions interesting.

She said the large amount of "hands-on experiences" were very useful to the students in showing

(Turn to Page B19)

Nikki Rovner, a senior at Hempfield High School in Lancaster County, is planning to attend Penn State when she graduates, and was delighted to be able to work with professors she will have as an undergraduate.

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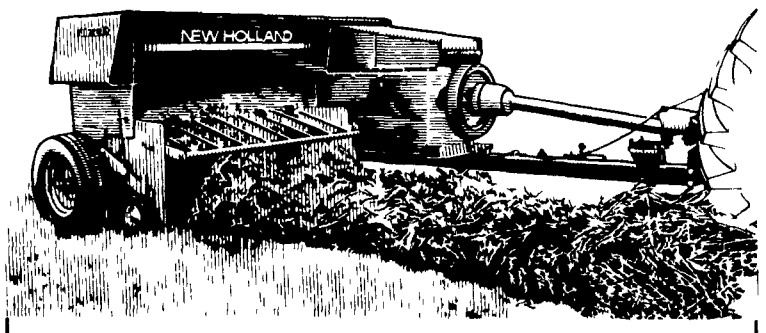

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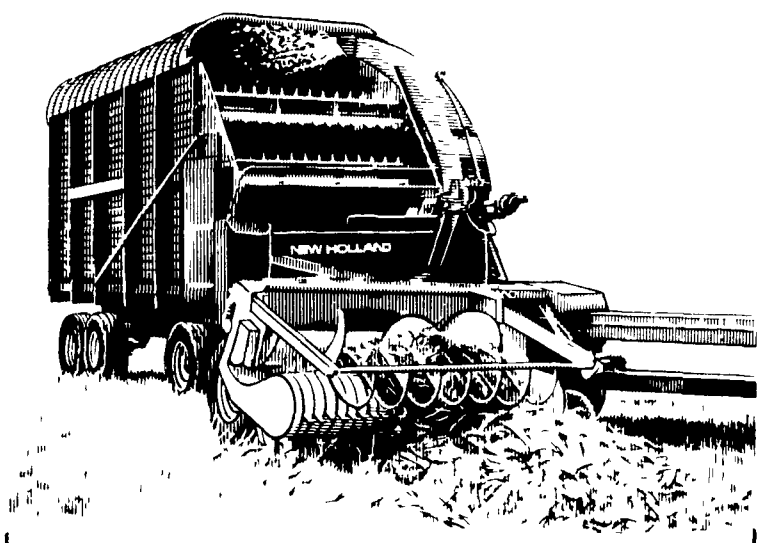

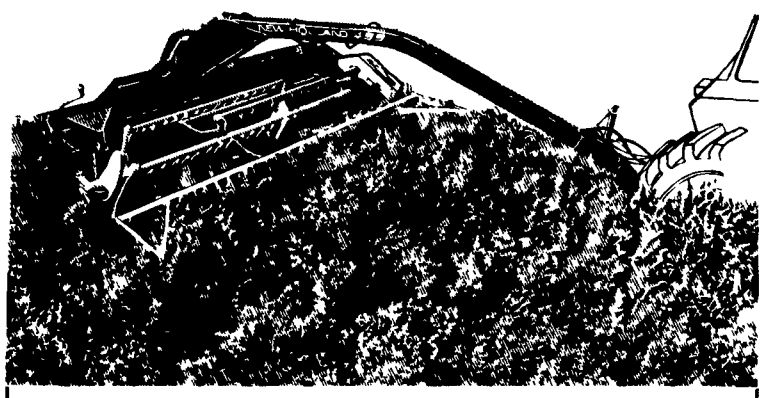

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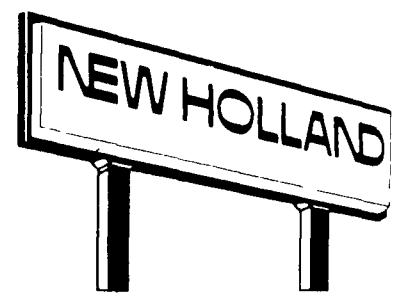

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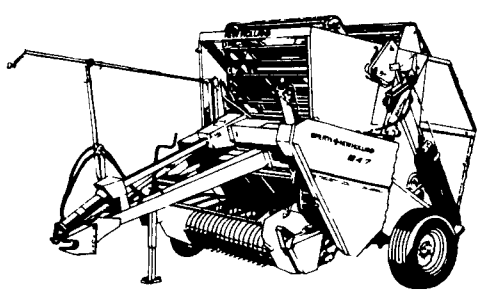

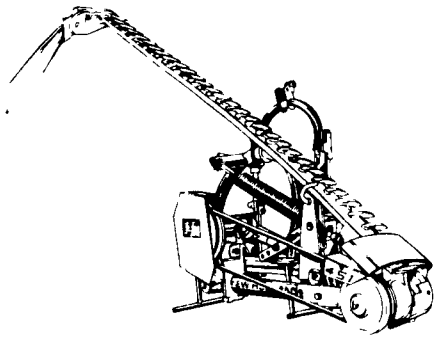

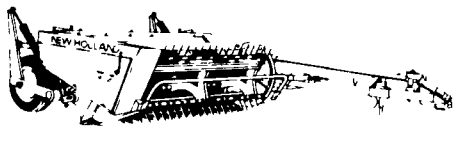

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	$7,665

411 DISC MOWER CONDITIONER
w/1000 RPM, Skid Shoes, Hyd. Hdr. Tilt

Open House Price	$11,695
Less Cash Disc.	-1,000
	$10,695

499 MOWER CONDITIONER
w/Std. Guards, Hyd. Guard Kit

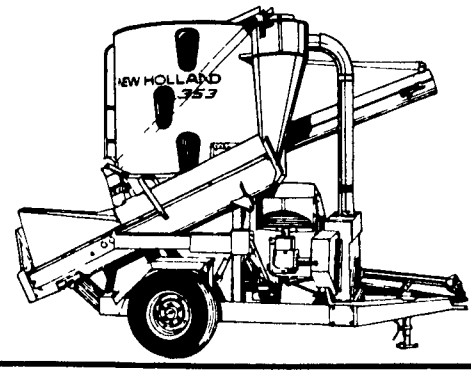
Open House Price	$14,675
Less Cash Disc.	-1,180
	$13,495

256 ROLABAR RAKE
w/Hitch & Jack

Open House Price	$2,550
Less Cash Disc.	-200
	$2,350

258 ROLABAR RAKE HYDR. DRIVE
w/Dolly Wheel, Flow Control

Open House Price	$3,490
Less Cash Disc.	-295
	$3,195



82 BALE MOVER
w/Tines

Open House Price	$495

514 (180 Bu.) MANURE SPREADER
w/Hyd. Endgate & Splash Guard

Open House Price	$3,995
Less Cash Disc.	-150
	$3,845

520 (220 Bu.) MANURE SPREADER
w/Hyd. Endgate & Splash Guard

Open House Price	$4,495
Less Cash Disc.	-150
	$4,345

680 (275 Bu.) MANURE SPREADER

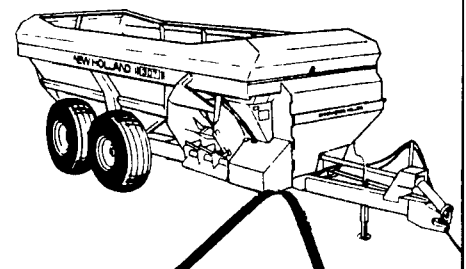
Open House Price	$5,995
Less Cash Disc.	-300
	$5,695

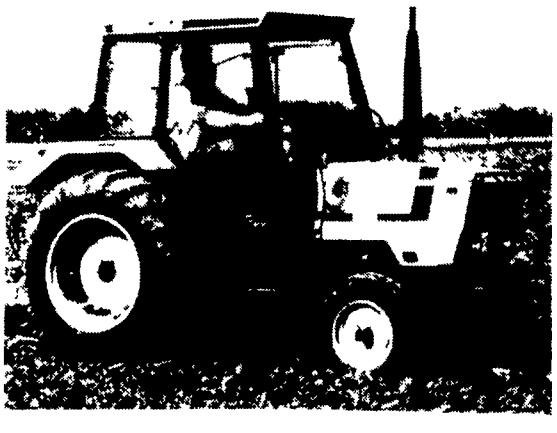
304 (925 Gal.) SLURRY SPREADER
w/Tank Liner & 10:00x20 Recapped Truck Tires

Open House Price	$6,650
Less Cash Disc.	-325
	$6,325

308 (1800 Gal.) SLURRY SPREADER
w/Tank Liner & 16.5Lx-16.1 Flotation Tires

Open House Price	$10,995
Less Cash Disc.	-525
	$10,470





DEUTZ ALLIS

Deutz-Allis 6250 (50 HP) TRACTOR
w/FWD & Front Wgts.

Open House Price	$17,495
Less Cash Disc.	-600
	$16,895

Deutz-Allis 6 Row 385 Corn Planter
w/No Till Coulters, Dry Fert., Monitor, Gran Insect.

Open House Price	$13,795
Less Cash Disc.	-400
	$13,395

1 Only **Model 1200 Field Cult. (16½')**
w/Hyd. Fold & Midwest Coil Tines
$3,995

NEW HOLLAND
BALER TWINE
(9,000 Ft. and 7,200 Ft.)
1 To 10 Bales $16.95
11 Bales And Up $15.95

February 17th & 18th
9 AM to 6 PM BOTH DAYS
Free Lunch 11 AM to 1:30

2 Big Days

SHARTLESVILLE FARM SERVICE OPEN HOUSE

Fun For All!

ALL SPECIAL PRICES ON THIS AD INCLUDE DISCOUNTS

DAIRY SPECIALS

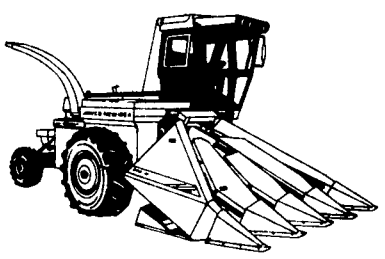
SANI-PREP TOWELS

1-10 Case $16.75
11-20 Cases $15.75
20 Cases And Up..... $14.75

MILK HOSE

9/16"..... 60¢ Ft.
5/8"..... 65¢ Ft.

MANY OTHER DAIRY SPECIALS
SEE AD ON NEXT PAGE!



10% CASH DISCOUNT ON ALL PARTS AND MOST ITEMS IN OUR STORE — HERE'S A PARTIAL LIST

- New Holland Parts
- New Idea Parts
- Patz Parts • All Dairy Supplies
- Surge Parts And Detergent
- Deutz-Allis Parts
- Welding Supplies
- Oils, Grease
- Plowshares, Shins, Moldboards
- Disc Blades • Oil Filters
- Plumbing & Elec. Supplies
- Toys • Power Washers
- Water Cond. Salt
- Pickup Truck Accessories
- Battery Chargers
- Elec. Motors
- Air Compressors
- Space Heaters • Farm Gates

This Is A Partial List...
Stop In For Storewide Savings!

NEW IDEA

EQUIPMENT SPECIALS

565 BALER
w/560 Bale Thrower, Elec. Controls, Hyd. Dir. Pkg.

Open House Price	$9,395
Less Rebate	-1,000
	$8,395
Less Cash Disc.	-1,000
	$7,395

484 ROUND BALER
w/Bale Slice Kit

Open House Price	$8,695
Less Rebate	-400
	$8,295
Less Cash Disc.	-350
	$7,945

866 UNI PICKUP HEAD
$3,495

364 (390 Bu.) MANURE SPREADER
w/10:00-20 Recapped Tires, Hyd. Endgate

Open House Price	$6,795
Less Cash Disc.	-300
	$6,495

900 DOUBLE FRAME 4 ROW (WIDE) CORN PLANTER
w/Dry Fert., Gran Insect., Frame Mount Coulters, Monitor, Row Markers

Open House Price	$9,995
Less Rebate	-250
	$9,745
Less Cash Disc.	-900
	$8,845

900 DOUBLE FRAME 4 ROW (NARROW) CORN PLANTER
w/Dry Fert., Gran Insect. Frame Mount Coulters, Monitor, Row Markers, Cast Iron Press Wheels

Open House Price	$10,395
Less Rebate	-250
	$10,145
Less Cash Disc.	-900
	$9,245

MISC. NEW EQUIPMENT

1 Only — **300 GAL. CENTURY SPRAYER** w/Cent. Pump, Agitation, 10 Row Boom — **$2,795**

1 Only — **50 GAL. TRAIL SPRAYER** w/Piston Pump, 80" Boom, 25' Hand Gun Hose — **$925**

1 Only — **50 GAL. (3 PT.) SPRAYER** w/Piston Pump, 80" Boom 25' Hand Gun Hose — **$650**

1 Only — **710 PEQUEA 7 FT. HAY TEDDER** — **$1,325**

USED EQUIPMENT

Stock #			Save	Open House Price
	SELF PROPELLED HAYBINES			
HH0165	NH 1496 Haybine (1 Yr) 260 Hrs	$28,900	-$1,000	$27,900
UB0142	NH 1495 (Diesel) Hydr Drive w/Cab & Air	15,995	-1,000	14,995
UB0090	NH 1495 (Gas) Plantery Dr w/Partial Cab	10,900	-1,000	9,900
UB0083	NH 1469 (Ford Gas) 9' Cut w/Partial Cab	4,495	-800	3,695
UB0147	JD 830 12' Cut No Cab	1,995	-500	1,495
	PULL TYPE HAYBINES			
UB0034	NH 495 12' Haybine w/Lat. Transport	3,995	-500	3,495
	NH 489 Haybine	4,750	-355	4,395
UB0110	NH 489 Haybine (As Is)	2,995	-500	2,495
UB0114	NH 479 Haybine	2,495	-300	2,195
UB0134	NH 479 Haybine	2,495	-300	2,195
UB0140	NH 479 Haybine (As Is)	1,895	-200	1,695
UB0067	Hesston 1010 Hydro Swing 10'	2,295	-300	1,995
UB0035	Hesston PT10 9' Haybine	1,495	-200	1,295
	NH 467 7' Haybine	1,795	-200	1,595
	BALERS			
UB0118	NH 855 Round Baler w/Auto Wrap	8,495	-500	7,995
UB0019	NH 320 Baler w/#70 Thrower	5,895	-400	5,495
UB0131	NH 320 Baler w/#70 Thrower	5,495	-400	5,095
UB0139	NH 276 Baler w/#58 Thrower	4,195	-300	3,895
UB0127	NH 282 Baler w/#62 Thrower (As Is)	1,995	-400	1,595
	UNI EQUIPMENT			
UA0053	705 Uni Tractor w/Wgts	5,995	-1,500	4,495
	705 Uni Tractor w/Wgts	5,995	-1,500	4,495
UA0054	767 Super Chopper	3,295	-300	2,995
UA0055	766 Hay Pickup	895	-150	745
UA0056	763 3 Row Chopper Head	1,495	-200	1,295
UA0012	760 Uni Harvester	395	-100	295
	2- 766 Uni Hay Pickup	495	-100	395
	2- 762 2 Row Chopper Head (38")	595	-100	495
UB0041	741 Feeder House (As Is)	1,195	-200	995
	PULL TYPE HARVESTER & HEADS			
UB0092	NH 892 Harvester w/New Knives	5,995	-400	5,595
UA0063	NH 770 Harvester	2,295	-300	1,995
UB0143	NH 717S Harvester	1,295	200	1,095
UB0120	IH 830 Harv w/Pickup & 2 Row Corn-As Is	2,495	-200	2,295
UB0136	IH 830 Harv w/Pickup & 2 Row Corn-As Is & New Set of Knives (in Box)	2,495	200	2,295
UB0048	NH 717 Harvester	295	-95	200
UB0093	NH 880W Hay Pickup Head	995	100	895
UA0040	NH 880 R-2 2 Row Corn Head (38")	795	-100	695
UA0064	NH 717W Hay Pickup Head	695	-50	645
UA0065	NH 717 R 2 2 Row Corn Head (38")	695	-100	595
UB0144	NH 717 R-2 2 Row Corn Head (38")	695	-100	595
UB0135A	JD 2 Row Corn Head (30")	995	-100	895
UB0135D	JD Hay Pickup Head	995	-100	895
UB0135C	JD 1 Row Corn Head	295	-50	245
UA0030	NH 741 1 Row Corn Head	295	-50	245
	MISC.			
UC0043	NH L445 (30 HP) Skid Steer Loader w/54" Bucket & Rebuilt Engine	7,495	500	6,995
UC0008	NI 218 Manure Spreader w/Hyd End Gate	2,495	500	1,995
UC0044	NI 213 Manure Spreader w/3 Beater	1,895	195	1 700
UC0039	NI 213 Manure Spreader w/Hyd Endgate	1,595	-100	1,495
UB0106	M&W 12' Field Cultivator	1,295	200	1,095
UA0026	Bear Cat 11' Packer	495	-50	445
UA0050	IH 56 4 Row Corn Planter (38")	1,295	300	995
UA0052	IH 55 4 Row Corn Planter (38")	1,195	-200	995
UA0059	MH 35 Combine	795	100	695
UB0132	Vicon 3 Pt 4 Whl Rake	395	100	295

NOTE - These Open House Prices Good Only Thru Feb. 28.

These Prices Include All Discounts

USED EQUIP. SPECIAL PRICES GOOD TIL FEB. 28th

DEUTZ ALLIS

PATZ SALES & SERVICE

SHARTLESVILLE FARM SERVICE

R.D. 1, Box 1392
Hamburg, PA 19526
Phone: (215) 488-1025

NEW HOLLAND
Ford — A SUBSIDIARY OF FORD MOTOR COMPANY

SURGE SALES & SERVICE

NEW IDEA
Distributor Of CENTRAL TRACTOR

A typical Sunday dinner of roast beef with Yorkshire pudding is gradually being replaced by poultry dishes in Britain, according to the U.S. Agricultural Counselor in London. He reports that changing consumer attitudes, particularly those based on health and price, are causing demand for all red meats to suffer in the United Kingdom while pushing up consumption of chicken.

*****

Chicken is often considered the all-American dish, but the United States does not lead the world in chicken consumption on a per capita basis, according to the National Broiler Council. That honor goes to Israel, where chicken consumption was about 66 pounds per capita last year. In this country, the figure was 55.5 pounds.

*****

The United States produces about a third of all broiler-fryer chicken consumed worldwide. According to the National Broiler Council, that's about 6.5 million metric tons in 1986. Broiler consumption has increased by about 4 percent annually since 1983 and that same growth is expected next year.

More than half 56 percent of all broiler-fryer chicken is marketed cut-up. The National Broiler Council notes that this figure compares with only 20 percent of chicken sold cut into parts in 1960. The broiler industry has responded quickly to the growing consumer demand for convenient, time saving products.

STRIKE IT RICH!

SELL IT WITH A LANCASTER FARMING CLASSIFIED

2 Big Days

SHARTLESVILLE FARM SERVICE OPEN HOUSE

Fun For All!

Come And Meet Our Company Reps.

FREE LUNCH BOTH DAYS
11 am to 1:30 pm

TUES. & WED. - FEBRUARY 17 & 18
DAIRY SPECIALS GOOD FEB. 16 TO FEB. 21

These Prices Include All Discounts

10% CASH DISCOUNT ON PARTS AND SUPPLIES FROM SURGE, PATZ & WESTFALIA!

WESTFALIA SYSTEMAT

WESTFALIA COMPUTER FEEDER..... 15% OFF

WESTFALIA AGRI TAKEOFF (DEMO)
12 Only At This Price
(Plus Installation) $395.00

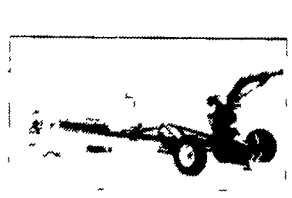
PATZ SALES & SERVICE

ALL PARTS 10% CASH DISCOUNT

BARN CLEANER CHAIN
Model 467
24" Spacing $9.99 Ft.

SILO UNLOADER 98B
Motor, Tripod, Steel Cable, Elec. Cable Winch (Not Included)
Fits 12-16 Ft. Silo Plus Installation $3800
Fits 16-20 Ft. Silo Plus Installation $3500

MODEL 100 MANURE PUMP
Complete (Less Motor & Pipe)
One Only! $4,495.00



MODEL 477 LAGOON PUMP
25 Ft. w/Prop.
Rental Unit
One Only! $5,495

SANI-PREP TOWELS		MILK HOSE		FLY-OFF & LD44 FLY SPRAY	
1-10 Cases	$16.75	9/16"	60¢Ft.	Case of 6	$43.95
11-20 Cases	$15.75	5/8".....	65¢Ft.	3 Cases And Up	$41.95
Over 20 Cases	$14.75				

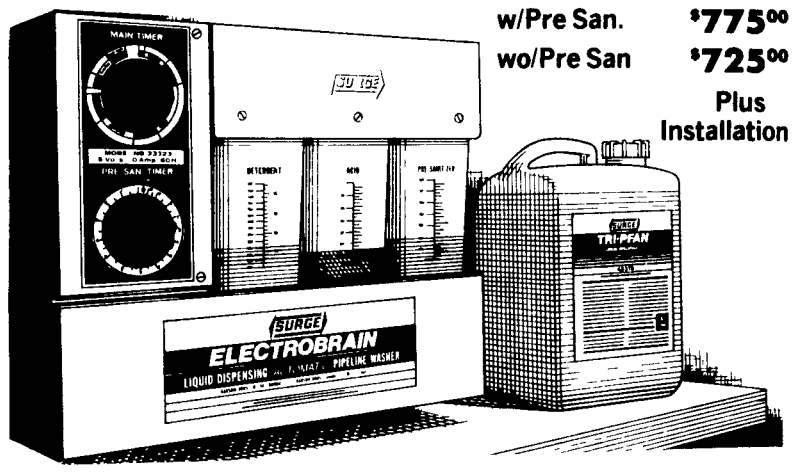
LINE UP A DEMONSTRATION FOR..

WESTFALIA	SURGE
• Visitrons	• Alerts
• Bio-Milkers	• Eclipse & Orbits
• ACR Take Offs	• VSO, HTO Takeoffs

Arrange Demonstration During Open House And We'll Honor 10% Discount On Completion of Sale!

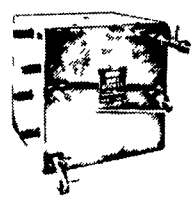
SURGE

LIQUID ELECTROBRAIN
w/Pre San. $775.00
wo/Pre San $725.00
Plus Installation



SURGE

KUBE KOOLERS 15% DISCOUNT



SURGE COMPUTER FEEDERS
Buy Computer System...
GET SOFTWARE AT ½ PRICE!

NOTE Our New Feed Dispenser And Stall Will Be On Display!

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SURGE DUOPFAN 10% Cash Discount	SURGE TRIPFAN 10% Cash Discount
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SURGE ZINICIN 10% Cash Discount	SURGE SOLUTION 10% Cash Discount
SURGE EFFECT 10% Cash Discount	SURGE TEAT DIPS 10% Cash Discount
SURGE INFLATIONS 10% Cash Discount	MILK FILTER 10% Cash Discount

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SHARTLESVILLE FARM SERVICE

R.D. 1, Box 1392
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Phone: (215) 488-1025

Governor's School Of Ag

(Continued from Page B14)

them how things are really done in agriculture.

Ragan said the curriculum developed for the group showed that agriculture is no longer just a tractor and a plow. "It was not just traditional agriculture."

Students who attended the first-ever agricultural school were a diverse mixture of some of the brightest students in the Commonwealth. Ragan noted, "It was a select group of pretty intelligent kids." Findeis added, "It was a nice mix. Some wanted to be geneticists, some wanted to be surgeons, some wanted to be veterinarians and some wanted to be environmental engineers. They were very self-directed learners."

Part of the fun of attending the school turned out to be meeting new friends who shared common interests. Rovner says, "I met some of the most exceptional people. They were open and we became amazingly close." Risser notes that he didn't know anybody else who was attending, but quickly made friends.

Ragan added, "They had a ball, and became a cohesive, tight knit, social group. They were very expressive of their appreciation for the course."

Areas of study varied from robotics, wildlife management, silviculture, biotechnology and genetic engineering to photosynthesis.

Applications to the school are now being accepted by the Department of Education, and can be acquired from high school guidance counselors. To be considered students must be high school sophomores or juniors, have parents who are Pennsylvania taxpayers and show outstanding ability in science, with a high interest in food, agriculture or natural resources.

Full scholarships are provided to the five-week course by the Pennsylvania Department of Education and the state's intermediate units and covers housing, books, meals, lab and computer fees.

Deadline for applications is February 27, 1987.

Delaware Offers Emergency Trailing

NEWARK, Del. — Farm families will be instructed in emergency responses to farm equipment accidents at a special training session, Feb. 10, sponsored by the Delaware Cooperative Extension System.

The meeting will be held from 9:30 to 11 a.m. at the Demonstration Farm (Kohl farm) on Route 301 west of Middletown. In cooperation with the Hoober Equipment Company, extension safety specialist Ron Jester and extension agricultural agent Dean Belt will instruct farm family members on how to shut off tractors, lift front end loaders and handle various other pieces of equipment.

Persons interested in attending the meeting should contact Belt at 451-8934.

Through Good Times
& Tough Times...
DAIRYMEN COUNT ON US

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Dairy Farm Equipment And Dealers!

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Harvests Milk With SURGE Milking Equipment

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RD 3, Chambersburg, Pa.
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PEN W. HOSTETTER
RD 2, Annville, Pa.
Ph: (717) 867-2896

JIM'S SURGE SALES & SERVICE
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We can make your cows worth more.
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C B HOOBER & SON INC
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ANNUAL
OPEN HOUSE
February 9 - February 14
For Details See SPECIAL INSERT
In This Week's Paper
FARMER'S MACHINERY SHOW - FEB. 12th

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This corn, grown with Gro-Mor's complete feeding program, shows amazing value at harvest.

Now increase your profits from corn.

This corn grew with help from Gro-Mor's complete plant-food program. Farmers report corn grown on our program yields as much as 3% higher digestible protein, as much as 100% more caroteen, and higher sugar content. With minimum expenditure, a farmer greatly improves the value of his crop. Results? Better quality feed per acre and higher profits.

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GRO-MOR

Have You Heard?

By Doris Thomas
Lancaster Extension
Home Economist

Children Can Manage Money Too

"You spent your lunch money on what?!?"

"But Mom, he sold me the best ones in his collection. . ."

Do you ever wonder where your children learn to handle money? Parents serve as the main source of knowledge and understanding about money for children.

Skills used to handle money effectively aren't built-in characteristics. Children acquire money management skills over a period of years, by observing how others spend and save, and by having first-hand experience.

Attitudes toward money are learned over time, too. When children see their parents quarreling over financial hassles, or having an "easy come, easy go" attitude, they may develop similar feelings about the role money will serve in their lives.

Parents can guide their children toward effective money management. They should consider education in money matters as part of the whole picture of child rearing and family relations. To provide a good example for your children, you must first be aware of your own attitudes about money and the adequacy of your financial skills. You should also be able to communicate freely with your spouse and family members about financial matters.

To give children first hand experience, let them take part in the family's money management. As they become old enough to understand, explain about income and outgo, and emphasize the role of long-term financial planning. For example, let them take part in the decision making process of vacation plans and cost.

Don't forget that money is an everyday part of your children's lives. From an early age, they have items to buy and reasons to save. You can use an allowance as a tool for learning the fundamentals of managing money.

Sit down with each of your children and discuss needs and wants. View their allowances as part of your family's entire financial picture, and agree on a set amount to give your children on a regular basis. The allowances will need to be reviewed and changed as needs and circumstances change.

The size of allowances and how they are used will vary greatly among children, especially those of different ages. A child between the ages of 5 and 9 may receive a relatively small allowance which is spent almost entirely on little items he or she wants. A teenager may receive a significantly higher amount, some of which can be designated for necessary items such as clothing or school supplies.

Through managing an allowance, a child can also learn the fundamentals of saving. If one of your older children is eyeing a relatively expensive item, encourage him or her to set reachable saving goals. This also may be a time for your child to learn banking skills.

Remember, an allowance is only one of the tools used in the whole process for guiding your children as they acquire attitudes about and knowledge of money.

Financial Records Can Mean Trouble Free Storing And Retrieving

Was filling out your income taxes last year especially frustrating? Did gathering information to compile your net worth statement seem an endless task? Better record keeping is one way to save time, energy and undue anxiety.

Good record keeping can be an asset, too, in improving your family finances. Accurate records are useful in making decisions on credit use, on insurance, on major purchases, and on money designated for longer term goals.

Creating an efficient filing system is the first step in improving your record keeping. A filing system for your family's financial records doesn't have to be elaborate, costly, or time consuming, three-fourths of the work is actually setting up an accordian file, folders, envelopes, or even shoeboxes that are properly labeled for current and annual records.

Included in your household files should be account books, bank statements, cancelled checks, receipts and receipted bills.

A permanent household filing system should contain receipts and receipted bills for the past six years; your safe deposit box number, key and list of contents; warranties; copies of your will and letters of instruction; a household inventory; and health, education and employment records. Since all these items may be needed in a hurry if an accident or financial crisis happens, be sure all your family members are acquainted with the files.

Certain financial records do not belong in your home. Auto titles and bills of sale, birth certificates, marriage and divorce records, government securities, corporate securities, insurance policies, mortgages, property and real estate papers, and, for Pennsylvanians, the original copy of your will, should all be secured in a safe deposit box.

Keep a separate envelope in your filing system for anything concerned with taxes, including last year's return, file records of items that may be used as deductions that year. Include incidental expenses, such as miles traveled on a trip to the doctor, or the cost of a lunch purchased for a business client.

Having a good storage and retrieval system for records will prevent potential deductions from being lost in the shuffle, and will save you time, energy and frustration whenever you need to locate financial records. Devise your own system now, and keep it throughout the year. Have your family's financial picture at your fingertips.

York Extension To Host 'Farm Decisions' Workshop

YORK – "Making Smart Farm Decisions" is a workshop series which is being offered to farm operators. The goal of the workshop is to help participants assess their present farm business status, determine strengths and weaknesses and to help plan for changes to improve profitability.

The workshop series consists of three evening meetings on February 10, 17 and 24 at the Pleasant Acres Office Meeting Room. A fee of $5 to cover the cost of workshop materials will be charged per farm. Contact John Rowehl or Roland Freund at the Extension Service at 757-9657 for more information.

York Fruit Meeting To Spotlight Pesticide Training

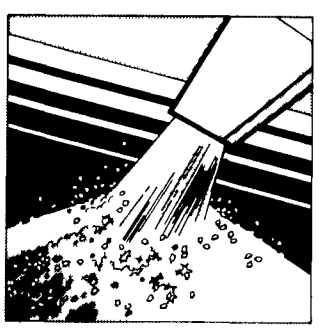
YORK – Penn State Extension is sponsoring a Vegetable Growers Meeting on Wednesday, Feb. 25 at Rutter's Restaurant on Mt. Zion Road, York. Meeting topics include: The New Pesticide Law, Plant Disease Update, Vegetable No-Till Seeding, Soil Compaction, "New" Vegetable Varieties and Soil Fertility.

Pesticide applicators will receive 3 credits towards their license renewal. The 1987 Commercial Vegetable Guide will be available at this meeting. Cost will be $8 which includes a hot buffet lunch.

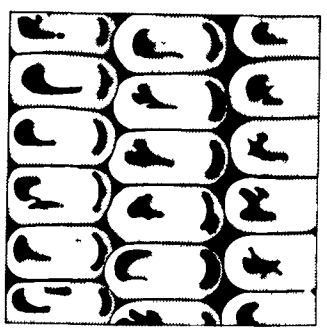
To register, contact the Extension Office at 757-9657.

G-46

Disease tolerance.



High yielding ability.



Rapid drydown.

Somerset Teen Tops Jr. Division Of National Sewing Contest

SOMERSET — Judy Rhoads of R.D. #1, Berlin, (Somerset County) was named national winner in the 1986 Make-It-Yourself With Wool Contest Jan. 23 in Sparks, Nev. For her top placing in the junior division, she received a $1,000 college scholarship; a Bernina sewing machine and a wool throw.

This sewing contest for teenagers is under the direction of the women's auxiliary of the National Wool Growers Association and is sponsored by the American Sheep Producers Council Inc. The national contest is held in conjunction with the group's annual meeting. All garments entered must be made of at least 60 percent wool.

Judy's winning outfit was styled from a Vogue pattern designed by Ralph Lauren and sewn in red wool flannel from Pendleton. The semi-fitted jacket features pleated sleeves set into extended shoulders. Accent on the jacket is provided by top-stitching and rows of buttons on the front and sleeves. The flared skirt extends from a gathered waistline to a new-looking longer length. To complete her fashion statement, Judy draped a red, white and blue scarf on her shoulder.

Judy Rhoads

Miss Rhoads, an eighth year member of the Brotherton Belles 4-H Club, constructed her wool suit as her 1986 4-H clothing project. She has previously represented her club, county and region in the state 4-H fashion revue competition with the same outfit.

Judy is the 16-year-old daughter of Mr. and Mrs. Harry Rhoads and is a sophomore at the Berlin-Brothersvalley High School.

She won the right to participate in the national contest by being named the winner of the junior division in the Pennsylvania contest, held Dec. 20 at the Keystone Sheep Symposium in Somerset. Named as Pennsylvania's senior division winner at that event was Jackie Heald of Chester County. Jackie also participated in the national competition.

Pennsylvania was one of 34 states to send participants to the national contest where 30 juniors and 33 seniors competed for national honors. The national winner in the senior division was Andrea Brandenburg of Rapid City, South Dakota.

Kutztown FFA

Kutztown FFA members are conducting a tree seedling sale in cooperation with the Berks County Conservation District. Chapter members are also selling Agway vegetable and flower seeds.

Several members participated in the Berks County FFA Project Book Contest with the following results: production record book: home garden, Chris Hamm, 12th, and Tim Flagstad, 14th; two enterprise: Troy Seidel, second, Eric Blatt, third, and Andy Miller, fifth; three enterprise: Brian Blatt and Norman Kehl, participants; five enterprise, Robert Adam, participant. Work experience record book - under 300 hours, Andy Murphy, first, and Troy Colvin, seventh; 301 hours to 600 hours, Heath Wessner, fourth, and Steve Bailey, participant; 601 to 1,000 hours, Robert Adam, sixth.

The chapter is planning a ski night with the Twin Valley Chapter Feb. 6 at Doe Mountain. The annual FFA Week celebration is scheduled for the week of Feb. 21 through 28 and will include a breakfast for the faculty and agribusiness people in the community.

Pennsylvania Farm Museum To Offer Craft Classes

LANCASTER — The Pennsylvania Farm Museum will be offering eight craft classes during the month of March. Participants can choose from eight different historical skills, including rug braiding, chair caning, traditional Pennsylvania splint basketry, decorated hand towels, blacksmithing, theorem painting, tinsmithing and spinning and weaving.

Those interested in taking courses can register at the Farm Museum office or by mail beginning Feb. 18.

The museum will be open Tuesday through Saturday from 9 a.m. to 5 p.m. and Sunday from noon to 5 p.m.

A brief explanation of each course and the dates and times they will be offered follows.

• **Rug Braiding** — Mae Breneman, instructor. Class will meet on Saturdays, March 7 and 14 from 8:30 a.m. to 12:30 p.m. in the Education Building. Learn to make for yourself a traditional rug of woolen fabrics. Materials fee: $2.

• **Chair Caning** — Hazel Riggs, instructor. Class will meet on Saturdays, March 7 and 14 from 8:30 a.m. to 12:30 p.m. in the Country Store basement. Each participant will cane a seat on a stool to take home. Materials fee: $20.

• **Traditional Pennsylvania Splint Basketry** — Susan Kelleher, instructor. Class will meet Saturdays, March 7 and 14 from 8:30 a.m. to 12:30 p.m. in the Maintenance Shop. People will make, for themselves, a small basket from oak they have split. Strong hands are needed for this class. Materials fee: $15.

• **Decorated Hand Towels** — Donna Horst, instructor. Class will meet on Saturdays, March 7 and 14 from 8:30 a.m. to 12:30 p.m. in the Textile Gallery. Each person will make a Pennsylvania German decorated hand towel with initials and date — an heirloom for the future! Materials fee: $6.50.

• **Blacksmithing** — Dan Perry, instructor. Class will meet Saturdays, March 7 and 14 from 8:30 a.m. to 12:30 p.m. in the Blacksmith Shop. Learn some basic blacksmith skills and make a fireplace poker or hooks for your home. Materials fee: $4.

• **Theorem Painting** — Sandra Jean Coldren, instructor. Class will meet Satudays, March 7 and 14 from 8:30 a.m. to 12:30 p.m. in the Visitor Center. Create a beautiful, colorful painting while learning the technique of stencil painting on velvet. Take home a work of art! Materials fee: $10.

• **Tinsmithing** — Phil Kelly, instructor. Class will meet Saturdays, March 14 and 21 from 8:30 a.m. to 12:30 p.m. in the Tinsmith Shop. This will be an introduction to tinsmithing and participants will make a candle holder and sconce to take home. Materials fee: $10.

• **Spinning and Weaving** — Donna Horst, instructor. Class will meet Saturdays, March 21 and 28 from 8:30 a.m. to 12:30 p.m. in the Textile Gallery. Return to your Early American past and learn to spin linen and wool and weave tape on a tape loom. Materials fee: $2.

For additional information, please call Mrs. Scott at 717-569-0401 or visit the Farm Museum, 2451 Kissel Hill Road, Lancaster.

26

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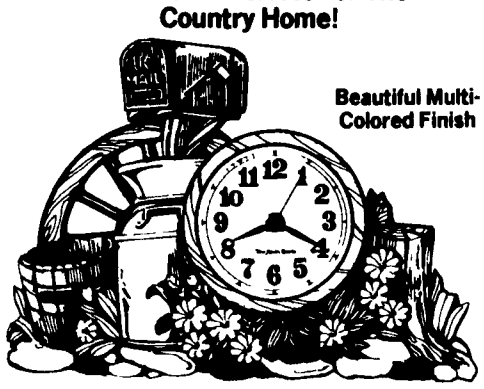

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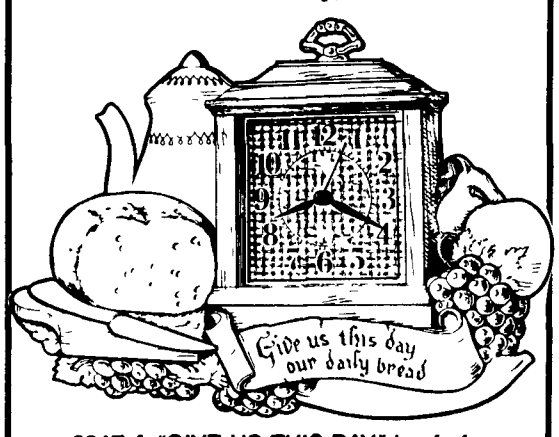

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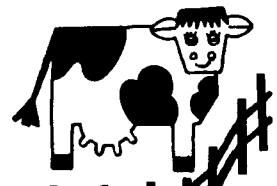

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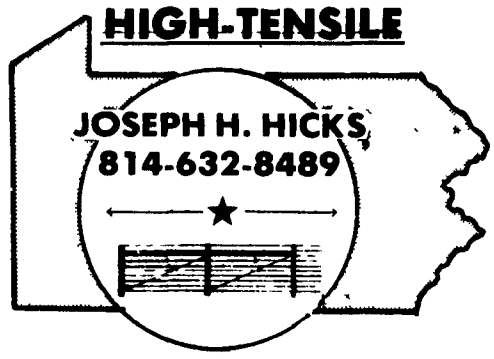

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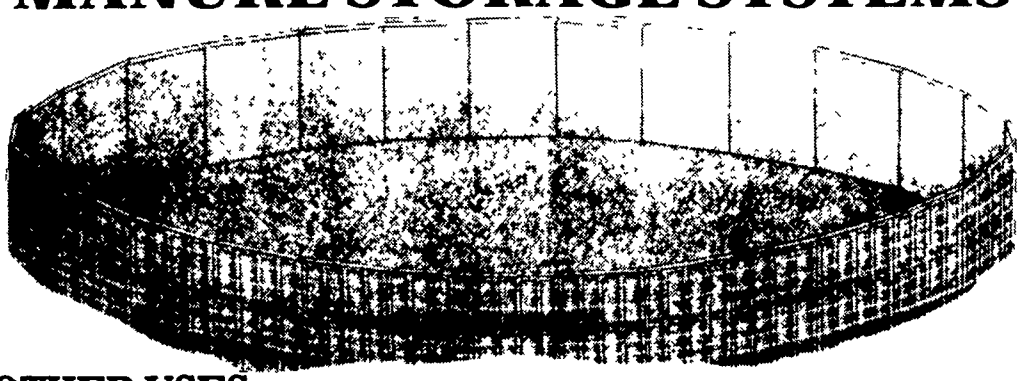

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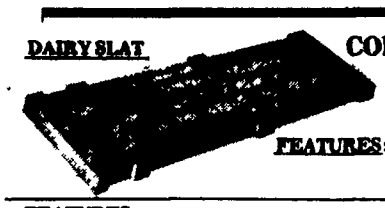

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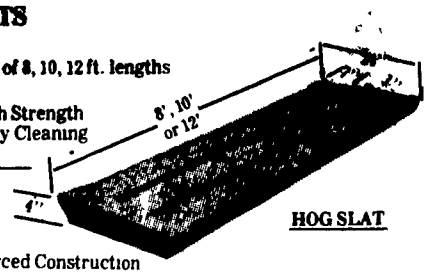

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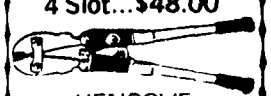

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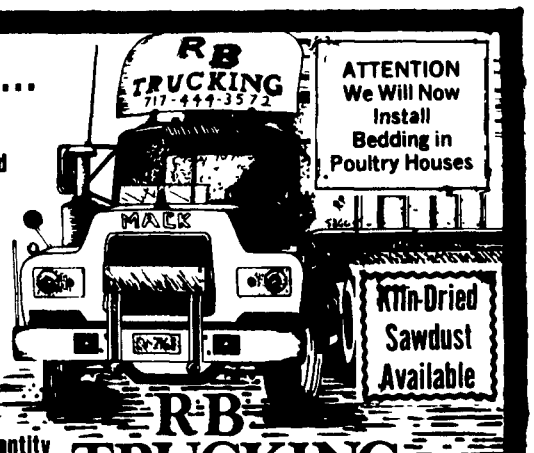

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17 PLANTS

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Dairymen are you working longer and harder and ending up with less money and more discouragement? Let me help you make more money and start to enjoy farming again. Guaranteed to find ways to improve your operation or no charge. 814-839-4271.

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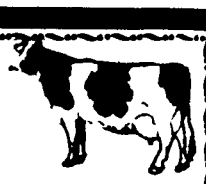

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23 HELP WANTED

WANTED: Part time workers, for outside construction type work. Some overnight travel w/paid expenses. 18 years or older. 717-733-2349

WANTED: Person to work on Registered Holstein farm. Salary & insurance benefits. Junge Farms, Rt.1, Box 112, New Tripoli, Pa. 18066. 215-298-2334

WANTED: Someone who likes farming and working with cows to work on medium sized dairy farm in Somerset County. Good salary, extras and housing provided. Experience preferred and references required. 814-267-3389 ask for Wayne.

Wanted: Experienced pole building crews or forman for construction in Eastern PA, MD, NJ and Southern NY. Good pay schedule. Call 717-354-6227

Wanted: Good, reliable married couple with dairy farm experience. Reference required. House available and other benefits. Phone 717-867-2962.

Young Mennonite Family looking for assistance on progressive dairy farm Prefer single Christian person with experience and willing to take responsibility. Solanco. 717-529-2382

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Small landscape firm outside of Philadelphia needs landscape foreman experienced in labor and equipment operation 215-646-0747.

The Furst-McNess Premix Company is looking for a qualified sales person to fill an established territory in Lancaster area. We are looking for someone who is calling on farmers selling feed, seed, fertilizer, etc. We offer salary plus bonus, late model car & expense account plus medical & dental insurance. If you are acquainted with the area, can sell and manage your time, have desire and pride and would like to be affiliated with a company where your future is unlimited, write Sales Manager, P.O. Box 1510, Statesville, NC 28677.

WANTED: Carpenters and contractors to erect livestock and poultry buildings throughout Pennsylvania Call 717-866-7565 between 7AM and 5PM

23 HELP WANTED

Full time help on large dairy & hog farm. Dairy experience required, salary & benefits. Lancaster Co. 717-786-3437 or 717-786-4762 after 7 p.m.

Full-time person to work 8 p.m to 4 a.m. to clean egg processing plant. Full range of benefits. Call between 8AM and 5PM, 717-653-8061.

Full-time person needed to do production work in modern egg processing plant during first shift hours. Full range of benefits. Call between 8AM and 5PM, 717-653-8061.

Full-time person to work in dairy processing plant. Salary commensurate with experience. Kreider Farms, 717-665-4415.

HELP WANTED for swine production facility in southern Chester County. Flexible work schedule. Transportation available. 215-444-3973.

Help Wanted: Full time milker on large dairy farm, need not be experienced, must be conscientious & have a desire to learn, excellent hours, all necessaries provided. Male or Female may apply. Lebanon Co. 717-933-8622 or 717-933-8551

Help Wanted: General farm work. House provided, non smoking. Lancaster, 717-653-5923.

Need combine, truck & tractor operators. Farm work, wheat & Fall harvest. Must have farm machinery & truck experience. Available April thru November. Norman Franz. 316-227-7679

Person experienced in dairy operation. Harford Co. 301-452-8569

Person needed on Lehigh Co. grain, potato, and poultry farm, for general farm work. Machinery experience and references desired. Benefits and housing available. Reply to: Lancaster Farming, P.O. Box 366 L-122, Lititz, Pa. 17543.

Person to work full-time on dairy farm, near Hampstead, MD. Call 301-239-7912.

Experienced herdsman for dairy farm in Lanc. Co. Seasonal fieldwork, good opportunity for advancement. References required. Housing provided. 717-548-2917.

Experienced full-time person for milking and general work on dairy farm. 717-626-8681.

Farm Equipment Operator. Experienced in operation & repair of large machinery used in hay, grain & silage production. Call Fair Hill Farms. 301-778-2372. Between 8 a.m. & 4 p.m.

Farm Help: General farm work, some milking in parlor. House available. Blue Cross, Blue Shield, Pension Plan. FM Brown & Sons, Inc., RD2, Douglasville, Pa. 19518. 215-582-4591

WANTED: Party interested in work on farm located in central PA. Have room for 30 cows with possiblity of partnership. Can move in by April 1987. Reply to Lancaster Farming, PO Box 366-R-105, Lititz, PA 17543.

ASSISTANT HERDSPERSON: We are looking for a Christian person to assist with an 80 cow herd in Huntingdon Co. Good salary, housing and benefits. 814-684-4475.

Builder needs steady, reliable help. Good Pay. Write: Box 22, Bart, Pa. 17503.

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Dairy Manager for large, aggressive 600 cow dairy, in Maryland, expanding in 1987. Manager position open, must have good personnel skills, large herd husbandry experience, working knowledge of nutrition, leadership ability, and desire to grow w/the position. Must have incentive, enthusiasm & imagination. Salary, benefits, and job specifics, by calling Gen Farm. 301-758-0936. Resume Required.

Person w/experience operating farm equipment and working w/dairy cows. Job involves feeding with mixer wagon, scraping, and moving cows to and from parlor. 800 cow dairy operates 24 hrs./day. Regular hours, days off, benefits. Call, ask questions, then stop by and apply. Frey Dairy Farms, Inc., RD2, Conestoga, Lanc. Co. 717-872-6071 (Day), 717-684-6987 (Evenings). Ask For Tom.

Person with good experience for field and dairy work. House furnished, etc. 814-267-5248.

Position available on Lancaster Co. Dairy Farm. Would assist w/ milking plus field work, house available. State qualifications & references. Write to: P.O. Box 451, RD1, Conestoga, Pa. 17516.

Prefer married person w/management ability to work on dairy farm. Good housing, wages & benefits. Call after 6 p.m. 301-271-2268

Reliable person for tractors parts department. Farm background helpful. Call Neil for details, Kellers Bros. Tractor Co. 717-949-6501.

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For hay & poultry farm in Lehigh Co. Responsible, experienced farm machinery operator, self motivated individual. Must have hands-on experience. Salary plus benefits. Send resume to

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Aggressive and growing farm machinery dealer needs an ambitious and talented mechanic. Engine and welding knowledge helpful but being conscientious and possessing common sense essential. Farm background preferred.
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Housing, benefits. Large Lancaster Co. dairy farm.
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HERDSMAN WANTED

60 Cow registered dairy, 3 bedroom home available with utilities. $250 per week, medical, 6 day week. Should know records, be clean, neat & responsible. Near Albany, N.Y.

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sought for the PA Guernsey Breeders' Association. Responsibilities include management, member service programming, promotion, public relations and on the farm work with breeders. Salary offered will commensurate with candidates qualifications and experience. Benefits included. Send resume to

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Full-time person with experience in poultry farming. Must have Class II license. Be responsible. Housing and Blue Cross and Blue Shield and vacation. 50 hour work week.

Reply to: Lancaster Farming
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Person experienced in commercial, turf, and produce production or degree in Horticulture/Agronomy. Farming life style should be expected. Ability to manage people and equipment. Should be qualified to spray, soil prep., fertilizer application, plant maintenance and harvest.

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5000 Acre Dairy & Crop Farm In Southern Chester Co.

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Call 215-274-8710
After 7 p.m. 215-869-4088
References required.

Owner needs family to operate farm located in NE Pennsylvania. Nice home on property to live in. Guaranteed income. Must be experienced and hard working. Would prefer a Mennonite family. Write to

J.E. Morgan Enterprises
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Fulltime position open immediately on modern dairy farm in southeastern PA for person experienced in all areas of dairy farming. Housing available for family as well as other benefits. Excellent opportunity for family that desires an atmosphere of small farm life.

Write To:
Lancaster Farming
P.O. Box 366 L-119
Lititz, PA 17543

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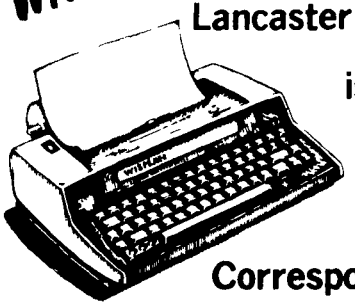

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We would like to expand our staff with writers who know farming and can take pictures. We pay excellent rates for top-quality writers.

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Everett Newswanger,
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Lancaster Farming
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Lititz, PA 17543

Lancaster Farming

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Experience Preferred,
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Full benefits

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Hours: 4:30 a.m. - 7:00 a.m. and 12:30 p.m. - 5:00 p.m.

Applicant should possess at least 2 years of practical experience in general farm work, including milking experience.

For additional details please contact:
Personnel Office Phone: 717-367-1121
Masonic Homes Ext. 223
Elizabethtown, PA 17022 EOE

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AI \ Industries needs de lers and sales people, pa t or full time, to sell hot new item. Bale wrapper machines, also silage bagging machines and bags. Territories available in eastern USA. Call 717-949-6511

Sell Animal Health Supplies
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Must have dairy farm experience and be ggressive. Guaranteed alary plus commission nd excellent benefits.
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American Society of Farm Equipment Appraisers
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Married man with mechanical ability, good sense and desire to learn wants good situation on family farm Money is second to living and work- ng atmosphere 17 597-7932

esponsible Ag related osition desired by early iddle aged, experienced 5 plus yrs) dairy/crop rmer Some accounting. computer experience Reply to Lancaster Farming, P O Box 366 A-114, Lititz, Pa 17543

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Miracle Feeds, Inc. has a career sales opportunity in marketing available in Central Pennsylvania. Primary duties are to market agriculture by-products to dairy and beef operations. Qualified candidates should have:

BS in an agriculture related field
or
Equivalent Experience

This position offers opportunity for growth, security, and a competitive salary/benefits package. Please submit resume in confidence to:

Rob MacCaull
Miracle Feeds, Inc.
RD 1 - Box 906
Lenhartsville, Pa. 19534
EOE

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Nutrena Feeds has a career sales opportunity in Territory Management available. Territory consists of Washington County, MD and several counties in Pennsylvania. Primary duties are to market feeds through dealers. Qualified candidates should have:

* Practical dairy experience

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26 HOUSEHOLD

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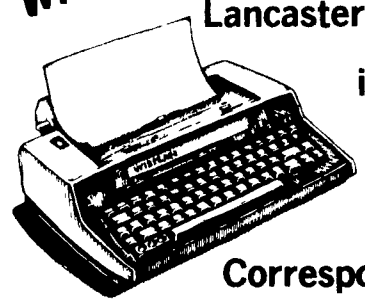

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I need 125 pups on Tuesday, February 24

Pups wanted in litter lots only to 8 weeks old No adult dogs handled

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JoJo The Dog Man
7 Am - 9 AM
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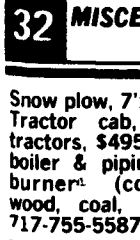

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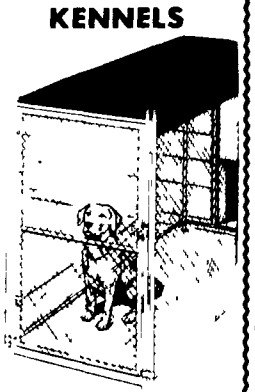

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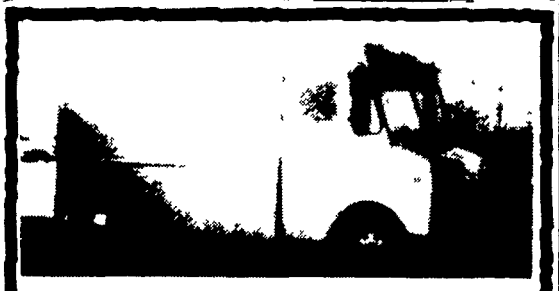

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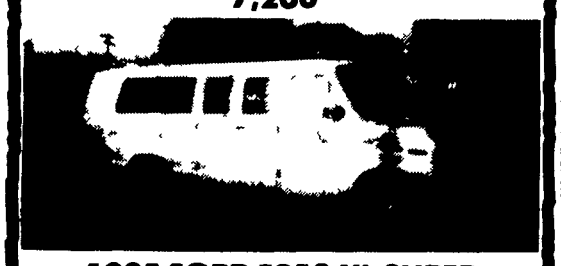

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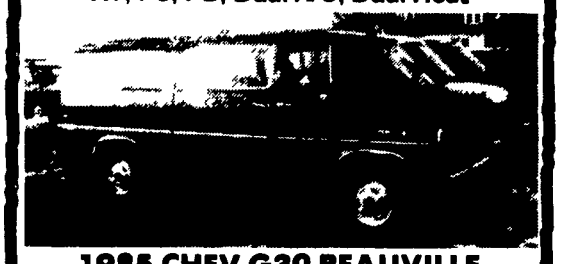

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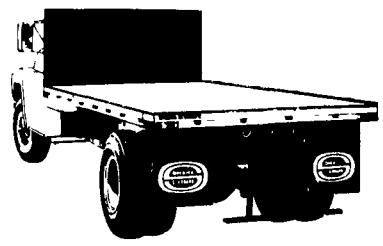

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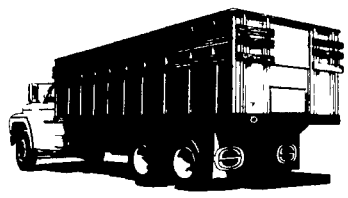

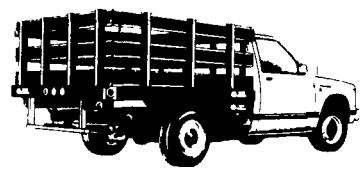

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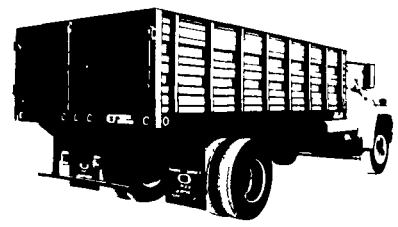

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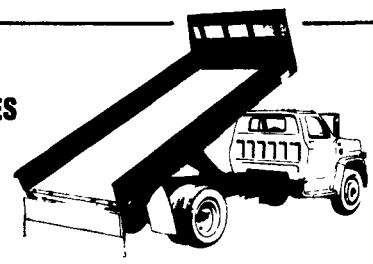

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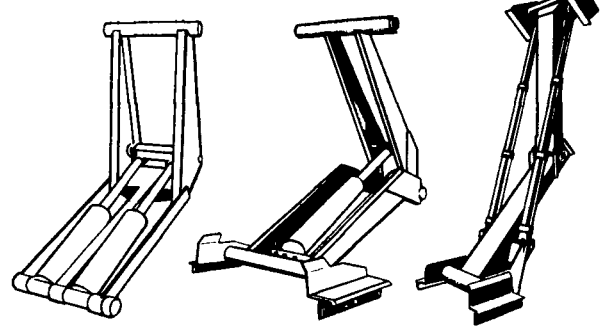

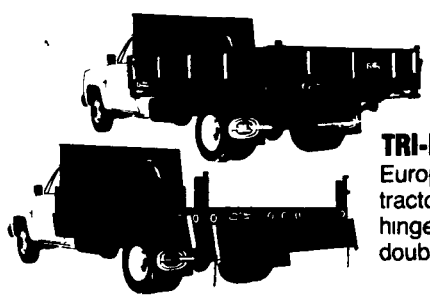

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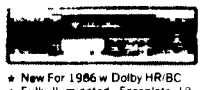

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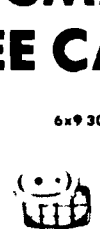

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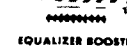

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7 Band 250W **$29.95**
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★ JVC TYPE 200 Watt 4 Way Each With Removable Black Cloth Face Covers and Woodgrain Cabinet Finish Cabinet Measures 26 In High x 15 In Wide x 10 In Deep Quick Connect Push Button Wire Connectors On Back PAIR $139
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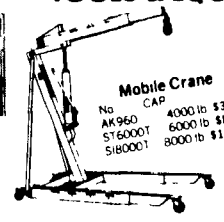

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Our heavy duty Blaster model is sized to fit most larger jobs It s larger capacity allows you the flexibility to handle all types of jobs
THIS UNIT FEATURES 10 ft of sandblast hose • Holds 100 lbs of No 1 or No 2 silica sand or any dry sifted abrasives • 6 ceramic tips (2 ea 3 32 1 8 5 32) • Deluxe hood and funnel • 6 in wheels for easy mobility • Moisture separator pressure gauge and conventional gun valve • Working pressure 40 to 150 P S I using 7 cu ft or air per minute at 80 P S I
#100 **$249** #70 **$199** #40 **$139**
All Models Are Pressure Type

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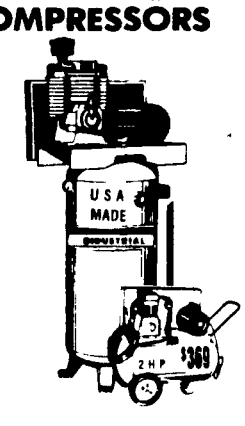

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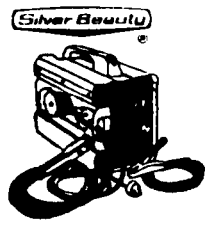

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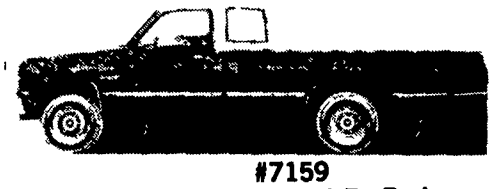

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1975 Ford F600 w/12' flatbed dump, good condition, no rust. 304-263-2976.

1975 Int. 1950, Cat 3208 dsl., 5&2, air brakes, 33,000 GVW; Two Int. 1977 1800s, 5&2, p. steering, air brakes, 446 V8, 32,000 GVW; 1977 Ford LN800, 5&2, p. steering, 391 V8 w/22' Duralite van body. 301-877-9889.

1976 GMC Stake truck with lift gate, 22', current [illegible]ction. $3,000. Call [illegible]r at Weinstein Supply, Lancaster, 717-299-1377 from 8-5.

1983 Ford Ranger XL 4x4, V-6, auto., excellent condition, tarp, 717-627-0272.

24' aluminum Fruehauf dump trailer, 3 axle, good condition, $3,950. 215-343-2444.

318 Detroit diesel w/Jake Brake; Mack 38,000 lb. 4:17 rears; Fuller 10 spd. trans. All good condition. 814-443-4039

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'74 Dodge 300 dual whl. w/10' cattle body, 400 4 spd., PS, PB, 80,000 original miles, 1 owner, $2,200. 717-733-2873

'76 Ford Louieville, 5&2, 700 gallon Lawn Care spray truck, fiberglass tank, mechanical agitation, Myers pump, 7HP Honda engine, $3,200 Will [illegible] separate. 215-968-5257.

1970 Int. tandem axle w/Prentice loader, rebuilt 270 Cummins engine, 22' bed. 215-255-4075.

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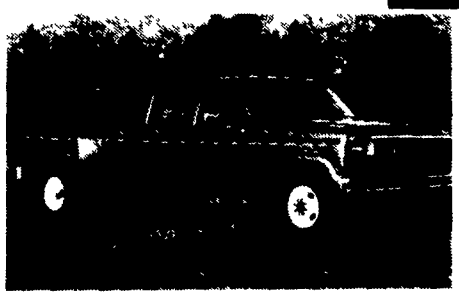

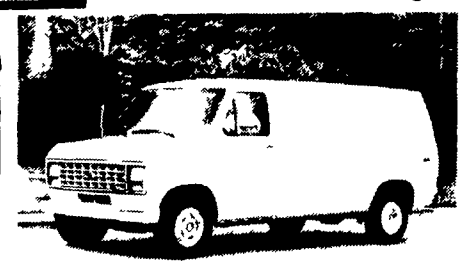

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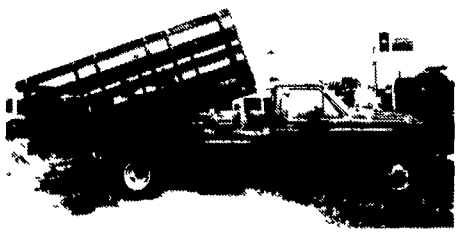

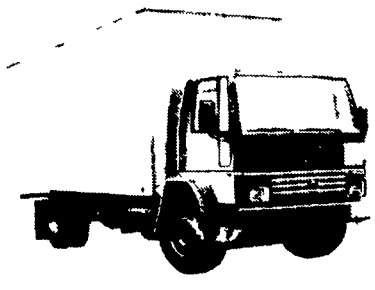

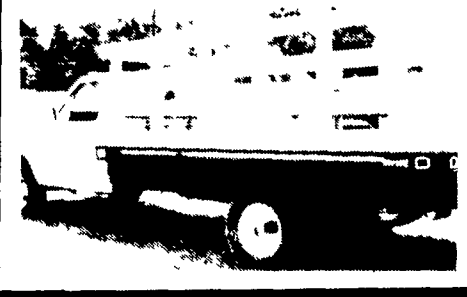

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1959 M.R.S. pulling tractor, 335 Cummins dsl., Allison auto. trans., 29.5x29 rear tires, was used to tow blimps for navy. Kept indoors, low hrs. Sell or trade. Service records available. Very powerful. 201-938-3342 after 6.

1968 White tri-axle 20' Eby aluminum grain body, rolltarp, 250-Cummins, 15-speed, overhauled, excellent condition. 201-479-4807 nites.

1969 Chevy C40, 16,000 GVW, 12' flatbed w/power tailgate, 6 cyl., 4 spd., 50,000 miles, $2,100. 717-384-4319

1972 F Model Mack w/ Maxidyne w/40' aluminum possum belly cattle trailer, good condition, $8,500. 304-358-2674

1975 C700 Ford, $1,700 or Offer. After 8PM, 301-529-1710.

Two 1979 Chevy C10 pickups, 6 cylinder, well maintained with utility caps, good condition. $2,000 ea or both for $3,000. Can be seen at 1278 Loop Rd., Lancaster, PA, OR call 717-397-1877.

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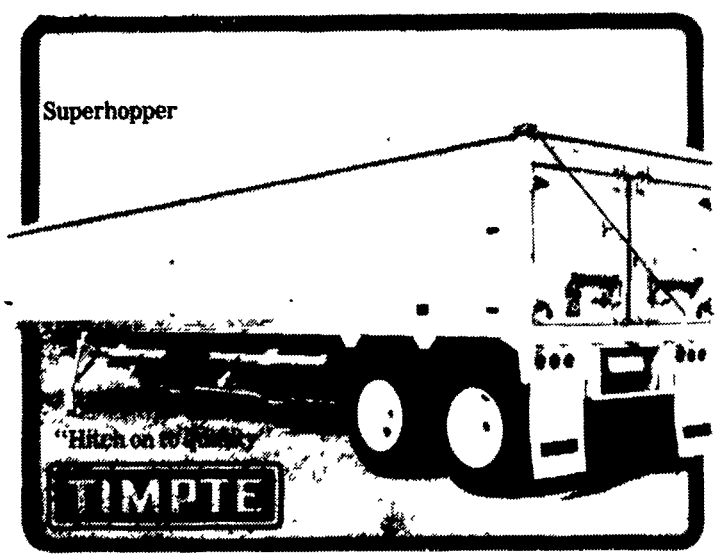
BUY A 1987 TIMPTE LIGHTWEIGHT GRAIN HOPPER NOW



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- 1986, 42'8"x65" Sides Timpte Jr. Hopper
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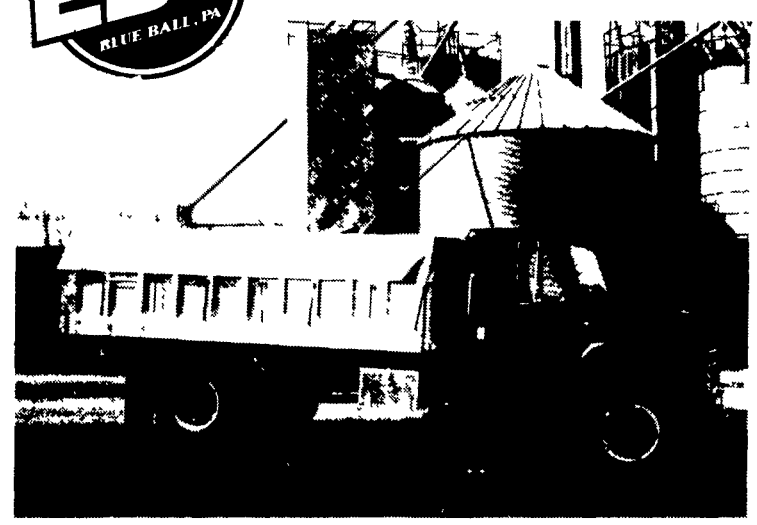

Got Grain To Move? Considering A New Body To Move It? Why Not Check Out The Features Of An Eby "Built To Last" Grain Body. Then You Be The Judge. I Think You'll Agree With Hundreds of Other Satisfied Owners, An Eby Body Is Not Just A Purchase, It's An Investment!

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86 & 87 F350 C C 11 000 GVW Gas & Diesel 137 & 161 In W Base 6 In Stock

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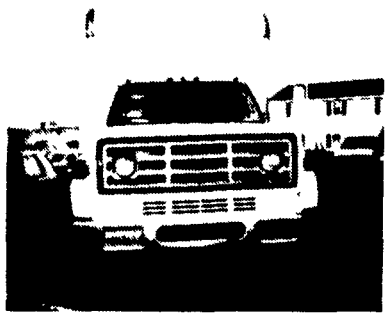
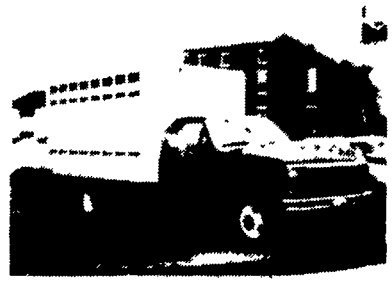
1986 FORD CF 6000's 6 Cyl Turbo Diesel 5 Speed Two Speed Rear 26 500 GVW 40 gal Tanks 5 In Stock MUST GO

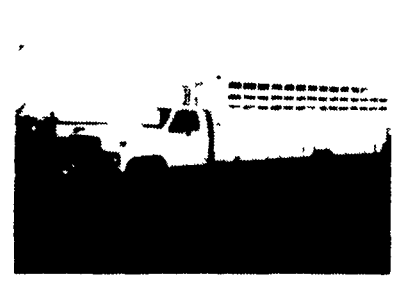
F700's & F800's Gas + Diesel Two Speed Rear Mount The Body Of Your Choice 4 In Stock



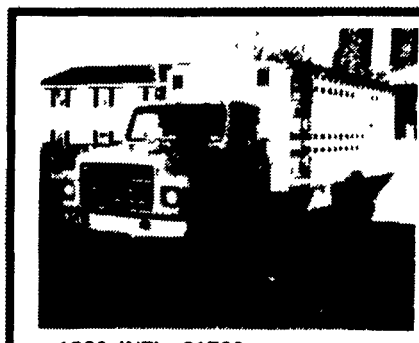
1984 GMC V8 4 Spd AM Radio Air Conditioning Power Steering Power Brakes 14 Ft Van Body With Lift Gate



85 Ford F350 Diesel 4 Speed PS PB XL Trim 12 Ft Eby Body 9000 Miles Like New



1984 FORD F600 CATTLE TRUCK 370 V8 Aux Fuel Tank 24 500 GVW Vacuum Brakes 5 Speed Two Speed Rear 20 Ft Eby Cattle Body



1980 INTL. S1700 Diesel 5 Spd 2 Spd PS 25 000 GVW 20 Ft Eby Cattle Body 1 Owner

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1984 Chevy K10, 4x4, V8, Auto., PS, PB, Short Bed, Gold Beauty... **$10,995**	• 2x4's, 4x4's, Pickups, Vans, Suburbans, Broncos Blazers, Jeeps...From $995! • 24 Month, 24,000 Mile Limited Warranty Available • Reconditioned, Inspected And Reayd To Go! • Many More Not Listed - We May Have What You're Looking For - Call Our "800" Number		1984 Ford Bronco, XLT, 351 H.O., Auto., Air, Power Windows, Tilt, Cruise, Loaded.... **$13,995**

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New 454 & 427 heavy duty Chev. truck motors complete. 717-762-7940

Rears for sale. Front rear 38-DS Eaton 433 ratio, front and back Rockwell SQHD, 4:44 ratio, 134 C White 411 ratio with housing if wanted or will seperate 20 inch spoke and other miscellaneous truck parts. Call 717-862-3466.

Tandem cutoff rubber block suspension, 34,000, 4.11 Eaton rears, double frame; '72 Int. 1700 4x4, 345 V-8, cab/chassis, 26,000 gross, 23,050 miles. 717-924-3132.

Tool box & rack combination, for small pickup, like new. Half Price, $550. 215-488-7155

TRUCK PARTS FOR SALE: Mack 237, Detroit 6V92T, V653, V671, 318, 671, 353, 371 Cummins 350 Big Cam. 270, 185, Super 250 plus others. Gas engines Ford, Chev., Int., GMC, Dodge & 200 Reo. Many other truck parts. WANTED: Trucks & Parts. Call 215-944-9871. Day or Nite.

Truck bed, cattle w/roof, Bellville, 12' wooden ramp back & sides, very good condition. 717-432-9704

Truck bed, 20' stake body w/4' sides, $600. 301-273-7747

1983 Timpte Reefer

44'x13'4" stainless front and rear, aluminum budds, radials, slider, side door, Super NWD30, light weight, excellent condition.

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28' alumimum dump trailer,

Trailco, 10.00x20 tires, very clean, $9,600

26' aluminum dump trailer,

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Both trailers in excellent condition, ready for road.

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Four 40' Flats
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45x13.4 Open Top
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Tire Chains to fit most big trucks

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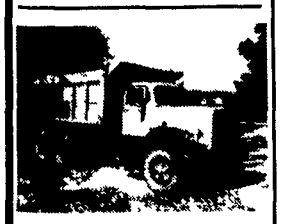


1967 WHITE TANDEM DUMP

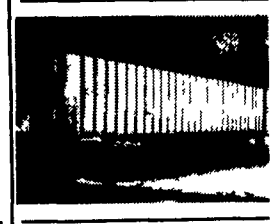
477 Gas, 5 & 3 Trans., P/S, 10x20, 14' Steel Dump, 58,000 GVW

$4,900

1966 FORD C600 FLAT DUMP

292 Gas, 5 & 2 Trans., 21,000 GVW, 14' Flat w/4' Sides, Runs Good!

$2,900



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Good Cond., Can Be Used For Storage Or Over-The-Road

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Wanted To Rent: Dairy Farm, preferably Southern Lancaster Co. 717-548-3355

FARM: 90A, approx. 60A tillable, ground includes ranch style house, barn, pig pen, chicken house, corn crib, wooded area. All buildings in good condition. Located along Rt. 104, 5 mis. off Rt. 11 & 15. 717-539-8950 or 539-8436.

FARM FOR SALE: 410 acres, 330 tillable acres, 2 houses, 2 barns, with a pond for recreation. 2 houses, 2 barns $450,000. 80 cows, 40 heifers, equipment. Will separate land. If interested call 717-549-5755. Bradford Co.

Farm for sale by owner, Juniata Co. 94 Level Acres; 85 tillable; 54 free stalls, dairy or beef; 16x65 silo; 500 gal. bulk tank, 44' bunk feeder; 14 stall pipeline; 9 room house. Close to Mifflintown, near Rt. 322. 717-436-2255.

BERKS CO., PA: North Berks location, 76 acres w/65 acres tillable, large 5 bay bank barn, 3 bed, 2 bath home w/new kitchen, close to Interstate, $149,000 J.W. Monaghan Realtors, Bill Mountz 215-775-2900

BRADFORD CO.: 450 ac. Dairy Farm. In profitable operation. Stocked & equipt., $380,000. Bare $275,000. Millard Real Estate, New Albany, PA 717-363-2482.

Will work for investors in acquisitions of commercial corn belt farms. 20 Years experience representing major insurance company in agricultural investments H B Omness, PO Box 603, Lima, Ohio 45802 419-991-8734

YATES COUNTY, NEW YORK Crop farm for sale North of Penn Yan 315 acres, remodeled farm house, barns. Terms available to qualified buyer. Owner wants action. $229,000. 105A Century 21 Four Seasons, Penn Yan. 315-536-7456

For Sale: 96 acre beef, hog farm, farrowing house w/raised decks, barn to feed 50 steers, 12x55 silo. 7 room house, plus outbuildings. More Land For Rent Available. Snyder Co. 717-374-2250

FREE CATALOG! Describing numerous PA farms, camps, acreage, cottages, homes and businesses. Write Dept. LF, WEST REAL ESTATE AGENCY, INC., 5528 William Flynn Highway, Gibsonia, PA 15044. 412-443-1200, IN PA 1-800-922-1235.

Franklin County: 200 acres in Path Valley, ½ tillable, balance in woods and pasture, USDA corn, wheat, barley base. No buildings. Priced to sell by owner. 717-249-5005.

If you're looking for a farm, land or have any other real estate needs, you'll find what you want in the Real Estate classifieds. 717-394-3047 or 717-626-1164.

Northwest Pennsylvania, Meadville Woodcock Dam area. 163 acres wooded and open, water well in, all mineral rights. Owner financing. $650/acre 216-442-8131.

Potter Co., Ulysses, PA. 290+ Acre dairy farm, modern 100 cow & free stall parlor complex, 3 Harvestore silos, 2 heifer barns, manure storage, large house, productive land. Buildings worth asking price. Call for details. 814-848-7478.

Repossessed homes from Gov't from $1.00 plus repairs/taxes. Throughout PA/Nationwide! Also tax properties. 216-453-3000, Ext. H4827.

TOMPKINS COUNTY, NEW YORK. Free stall-parlor dairy for sale. Can milk up to 130, plus room for dry cows and YS. Turnkey operation. Nice 10RM house. Call owner at 607-838-3318 after 8PM.

Union Township, Snyder County, Pa., approx 45 miles North of Harrisburg, 115 + acres, 4 BR house, dairy bank barn with large milkhouse, machine shed and outbuildings. Call 717-374-1657 or 717-374-6321

FOR RENT: Dairy Farm, Chester Co., 130 acres, house, milking parlor, free stalls, 3 silos, 1 is a Harvestore. 215-593-6315

FOR SALE: 100A farm in Adams Co. 70+ acres being farmed, stream, pasture, woodland, 6 mis. N. Gettysburg, 5 minutes from US 15. 3BR 1½ baths, washhouse with shower. Barn, other outbuildings. Hard Road. 717-677-7057.

FOR SALE: Farm 200 acres, 60 tillable. Borders Susquehanna River. Home and large barn. Along Rt. 147 near Dalmatia, PA. North'd Co. $750 per acre 717-692-3616.

FOR SALE IN LEWIS COUNTY, NY: 385 acre (180 tillable) dairy farm. Barn has 119 stations with 89 on pipeline. Three silos. Two bulk tanks. Vilage water. No house. $102,000 firm. Call St. Lawrence National Bank 315-376-6556. Financing available to qualified buyer.

FOR SALE OR LEASE: Complete modern dairy in South Mississippi. 300 acres, 150 tillable. Flush system, free stalls, silo, double four side opener milking parlor, calf barns. Large southern home, completely modern. Year round grazing. Ready to operate. Plain people in area. 215-488-1020.

For Sale: 100 acres, Historic stone & frame house, barn & other outbuildings. Stream & water close to house, approx. 25A open land, balance wood, and pasture land. $275,000. Franklin Co., Pa. Robert F. Crider, Realtor. 717-264-8528

For Sale: 51A farm, 40A tillable, 2 miles North of Martindale. For information call: 215-445-4893. Reuben Brubaker, RD3, Frys Rd, Ephrata, Pa. 17522 Lanc. Co.

For Sale: 72 acre Dairy Farm in Northern Bedford Co. House & modern barn w/31 tie stalls, pipeline milker, bulk tank, 3 silos, gutter cleaner & meadow w/stream For more information call 814-793-2872

Farmland For Rent: 35-40 acres, Engleside area. Call 717-299-9646 after 6 p.m.

FOR RENT: 50 acre dairy farm, near Quarryville. House provided. 717-786-3494

ASSUMABLE 5% MORTGAGE

200 acre "turn-key" dairy operation with 60x80 stanchion barn, 24x48 corn barn, 36x50 and a 36x60 implement barn; two pole barns, 32x48 and 24x24; attached to the main dairy barn, 12x35 and a 20x60 silo. 147 tillable productive loam soil. Large stone house with a new roof and kitchen. Located just outside of Mifflintown. Priced at just $1,345.00 per acre. Call Jeff at 717-786-2131 or 717-548-2469.

YORK COUNTY

128 acre farm with 110 tillable acres Spring, pond, bank barn, implement shed with truck scales in very good condition. 2½ story, 4 bedroom home with 2,000 square feet of living space at the end of a long paved lane. $255,000. Call 717-786-2131.

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18 acres along State Route 624 offers top of the line machinery. Plenty of bulk storage & bagging equipment, trucks, and existing market. Currently operating below capacity Good existing accounts w/opportunity for growth. Convenient to Maryland & Pennsylvania. Call 717-464-4700.

$220,000

for this long term poultry breeder. Contract yields $25,000 per year or more and produce income exceeds $20,000. All buildings are in very good condition. Call 717-464-4700.

Century 21 AMERICAN HERITAGE

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Real Estate Broker

UNION CO.

120 Acre dairy, 2½ story clean dwelling, 3 BRs, modern conveniences, new dairy barn, 52 tie stalls milking room for 10 w/pipeline, silo 16x45 w/unloader, storage shed 30x60, calf shed 20x30

BERKS CO.

113 Acre General Farm west of Womelsdorf along Rt 422 2½ story limestone dwelling, two family with modern conveniences, bank barn 36x80, 12x60 stave silo, double implement shed corn crib, limestone soil, 95 acres tillable

FRANKLIN CO.

365 Acre General, Path Valley 4 BR dwelling, hot water coal & wood heat 200 acres tillable, 50 pasture 115 wooded

LEBANON CO.

60 Acre Hog & Dairy, log 2 story dwelling, stream in meadow

94 Acre Dairy, 2½ story stone & log two family dwelling, 32 stanchions, 65 acres tillable, pasture with some woods

30 Acre farmette, Fredericksburg frame 2½ story dwelling, 3 BRs, modern conveniences, frame barn block building 30x30, 10 acres wooded, 20 tillable, meadow w/stream quiet secluded area

79 Acre general farm N of Lebanon 5 Rooms on 1st floor w/bath 4 rooms on 2nd w/bath Downstairs like new condition, oil HW heat frame bank barn

152 Acre dairy 2½ story dwelling 5 BRs 1½ baths central oil heat 80 free stalls milking parlor 6 stall Herringbone 2 bulk feed bins 600 gal bulk milk tank garage & work shop, 100 acre tillable 52 pasture w/stream some wooded

CUMBERLAND CO

Near Shippensburg 112 acre dairy 2½ story dwelling 4 BR w/modern conveniences oil & wood furnace new dairy barn 35 tie stalls gutter cleaner Berg silo with Clay unloader shop 26x40 garage 12x75 grain bin 30x40 heifer barn & wagon shed

160 Acre dairy 4 BR house fireplace insert for woodstove bank barn with dairy 52 Stanchions 20x70 silo with Jamesway unloader pipeline 10x50 silo w Badger unloader 110 acre tillable 15 woods pasture w/stream

182 General farm near Shippensburg 4 BR dwelling w/modern conveniences Large frame bank barn 176 acres tillable

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PH: 717-859-1004
24 Hour Service

36 REAL ESTATE

100 FREE-STALL DAIRY FARM: Computer feeding, modern stone house. Cumberland Co. John B. Niesley R/E, 717-243-7575.

56 acre Dairy Farm, North of Oxford, good house, barn, and silos. $280,000. Call COATES REALTOR. 717-442-4134 or after hours, 717-354-9534

Dairy Farm Wanted: In Leola or surrounding area. Buy, Lease, or Management of dairy farm. 814-793-3308

Desperately Seeking: Small home or farmette, Berks, Montgomery or Chester Co. $30,000 to $90,000 range, owner financed. 215-323-1917.

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Creditor owned 4.9 to 9.25 interest and excellent terms.
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55 ACRE DAIRY FARM NORTHERN PENNA.
- Pipeline, etc.
- 3 Bedroom House
- Good Producer

Reduced to the mid 60's
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MIFFLIN COUNTY
2½ mls. off 522N, 105 acres, 5 Rm., Bath, All elec. home, Barn, Corn Crib, 75% woodland mature timber, very private, good hunting, 40 mis. from State College. $150,000.00.
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after 5 pm
717-248-7139
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FOR SALE BY OWNER
167 acre northeast Pennsylvania modern dairy farm. Mostly tillable w/2 houses, nearly new free stall & dry cow facility, 4 silos w/unloaders, automatic feeding, double 6 totally automated parlor, 1500 gal. bulk tank, large new machine shed, 150 head of cattle, some machinery included.
717-222-4432

78 ACRE DAIRY FARM FOR SALE: 40 comfort stall barn, 2 silos, SS pipeline, manure lagoon, nice brick Cape, 3BR, 2 baths, rental land available. Call owner at 215-377-5926.

Dairy Farm, 250 acres, 220 of those are tillable. Modern barn, 2 silos, heifer shed, machinery shed, 2 story house. Level to gently rolling land. Farm located near Dalton, NY. $125,000. Call 814-628-2895

Cumberland County
Showplace, 56 acres, very good buildings, brick house, modern barn, new implement shed, stream & woods. What more do you want! Only $97,500
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On-going profitable egg farm includes entire operation, equipment, 12 room farm house, 46,000 bird automated high rise laying house with packing room, pond, on 30 acres. Montgomery County. $500,000. Call for details.
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Potter County

Shinglehouse area homes	$22,500 - $79,000
Oswago home or lodge	$35,900
Antique Finish Mill/Sawmill/ Living Qtrs..	$45,000
33.9 acres - Sharon Twp wooded/leach field inc.	$16,900
158 Acres - Oswayo Twp - pond	$47,500
Genesse home	$16,600
Roulette home	$27,500
Mobile home + 75 acres - Sharon Twp	$40,000

McKean County

3 bdr. Rancher - Ceres Twp	$40,000
122 Acres - Ceres Twp	$41,000

Contact:
Robert L. Watterson,
Associate Broker
R.D. #1 Box 1064
Shinglehouse, PA 16748
Phone: 814-698-2300

FOR SALE
Prime river bottom ground In Clinton Co.
Parcel #1: 120 acres including drainage tile (AB1, ATP125 reel system) available. Underground irrigation main. 4BR frame house, barn (green tomato packing shed), planted in winter wheat. Available now.

Parcel #2: 89 acres, 5BR remodeled house, large barn w/truck bays (great equipment repair facility), grain facilities including (24,000 bu. dry and 25x90 Harvestore), MC-665 continuous flow grain dryer. Available now.

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110 ACRE PARADISE

Spectacular hilltop setting. Breath taking view in this North Central Pa. Farm. Large farmhouse newly sided, downstairs remodeled, very pretty, Presently set up as a dairy operation. Loads of peace and tranquility. What a beautiful place to live. Priced to sell at $127,000.

For more information call - "Slim" Brossman, res - 717-754-7343 - Office 1-800-831-2244.

WE NEED FARMS - IF YOU'RE THINKING OF SELLING, CALL Sterling "Slim" Brossman, Associate Broker for a no-obligation consultation.

PENNSYLVANIA FARM REALTY
Fairlane Village Mall
Pottsville, PA 17901
Attn: Sterling Brossman

80 Acre Amish dairy farm for rent in Dauphin County. 46 Tie stalls. 717-442-4107 at 7:30 a.m.

Wanted to Rent: Mennonite family needs 3-4 bedroom house. East of Lancaster, March 1. 717-687-0878.

53 Acre Farm
For Sale By Owner
Large house, 2 kitchens, 5 bedrooms, 2 baths, basement. Chicken house for 10,000 layers in operation, 40x70 barn, 32x48 shop. Nears Orrstown, Franklin Co., PA.
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138 ACRE FAMILY FARM
15 Minutes north of Allentown along Rt. 309, a prime 138 acre Lehigh Co. farm with 4,000 ft. plus road frontage, stream, pond, 6 room 2½ story brick farmhouse, 2 barns, misc. buildings, excellent location. Purchase as entirety or 2 parcels, $3200 per acre.
For more information call Doug Houser
HOMESTEAD REAL ESTATE CO.
Office 215-799-4711 Eves. 215-799-2396

DAIRY FARM. Picturesque setting with stream babbling behind house which has modern kitchen and bath. 38 stanchion barn in good condition, 52 acres tillable, 32 pasture. Total of 166. 50'x18' silo. Currently in operation. $92,500. W-1102.

CAMP OR VACATION HOME, fully furnished ready to move in to. Lg. Living Rm. w/Fireplace, Kit, 2 Br & full Bath. Gas Ht. & Spring Water. Close to State Land, secluded wooded 2.9 acres. Pike Twsp. Potter Co. $28,900. W-1169.

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BERKS COUNTY- 140 ACRES (m/l)
With 104 Free Stalls, Milking Barn, Pipeline, 3 Large Silos, 2 Equipment Sheds. This Is Two Adjoining Farms.

BERKS DAIRY - 106 ACRES (m/l)
With 48 Stalls, Pipeline, Bulk Tank, Silos and So Forth. This Is A Good Farm In A Nice Farm Community.

BERKS - HISTORIC FARM
112 Acres (m/l) With Stucco Over Stone House In Excellent Condition. Lots Of Road Frontage. In Same Family For 7 Generations!

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168 ACRES
CODORUS TOWNSHIP - This parcel of prime, gently rolling, agricultural land (presently being no-tilled) is truly a rare find. Over 168 acres and is almost entirely tillable. Includes a 50x300' building, large implement shed, some woods, and a small stream. Approximately 4,000' of road frontage. Don't over-look this farm! $285,000

34 ACRES
FAWN GROVE - Prop your feet up on the huge tree shadded front porch of this historic log home and look over your gently rolling, secluded 34 acres of farm land. Large fenced pasture with a pond, bank barn, outbuildings, and summer house. All nestled down the lane in a quiet valley. Don't miss this one! $114,000

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FARM LISTINGS NEEDED
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FOR SALE BY OWNER
102 ACRES
80 acres tillable limestone soil, lots of road frontage, 87 free stall barn w/double 6 milking parlor, calf & heifer barn w/equipment storage, 20x80 Harvestore haylage unit, 20x40 Harvestore high moisture corn unit, 20x65 stave silo, 300,000 gal. Harvestore Slurry storage, TMR feeding equipment, stone summer house w/spring flowing underneath, 2½ story frame house. Lebanon County.
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FARM FOR SALE BY OWNER
50 cow operating dairy farm, barn 46x104, new 2" pipeline, 1986, like new bulk tank, 16x55 silo, 12x55 silo, both with Jamesway unloaders, insulated shop, 7RM remodeled house w/attached garage, 50 to 400 acres of land. Would also be suitable for beef operation.
Easy access but secluded. Excellent hunting. Eastern Tioga County. Possible owner financing to qualified buyer.
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WANTED FARM OR LAND WITH A GOOD AMOUNT OF ROAD FRONTAGE
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$2000 - $5000 / ACRE
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Top dairy farm: 380 acres, 100 stall, free stall, calf and heifer barn, tool shed and shop, grain bins and dryer, new 3 bedroom home. Owner will finance, $295,000.00. Call for details.

Southern Steuben County: 165 acres dairy farm, room for 40 head, machine shed, 2 bay garage, 3 bedroom, remodeled farm house. $200,000.

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PENNA FARMS

FRANKLIN CO.

300 Acre Dairy double four Herringbone parlor, free stall barn, bank barn, lagoon, limestone soil, never-failing spring, 6BR dwelling.

107 Acre General, 86 acres tillable, 10 pasture, 8 wooded, large bank barn, wagon shed with attached garage, 3 BR brick dwelling, 2 streams

CUMBERLAND CO.

115 Acre modern dairy farm, complete new dairy facilities, 48 tie stalls, pipeline milkers (automatic takeoff), 1,000 gal tank, 20x70 silo w/unloader, bank barn, 40x70 implement building w/3 automatic door openers, modern 4BR dwelling LIMESTONE SOIL

95 Acre General Farm, 2 story Colonial brick and aluminum dwelling w/brick fireplace and car port Nestled among the trees. Secluded from neighbors but adjacent to mountain for the individual wishing to have horses for riding. Fertile sandstone soil, 20 acres wooded w/timber, large horse barn w/16 stalls and other outbuildings

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Ph. (717) 243-6195

FOR SALE -

OPERATING BEEF FARM

234 Acres. Nice mix of fenced pasture with shade & stream as well as tillable fields. Some woods. 2 Story bank barn set up for beef, additional outbuildings for beef & machinery. Good 2 story 4 BR farmhouse remodeled & insulated with wood & gas heat. Nice farm pond. $112,000. M-984. * Additional 150 acres bordering farm, completely fenced at $350/acre.

FARMETTE IN CHARLESTON TWP.

Good 4 BR farmhouse & barn. New addition with 30 stalls, and good barn cleaner. Immediate possession of house, barn presently rented $100 per mo. thru May. Excellent for horses, beef, or dairy. 8.8 acres, tillable & pasture. Just - $37,500.00 M-809.

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LEBANON COUNTY
Large Dairy Operation

Total of 357 acres (more or less) with about 330 tillable acres. 132 Free stall barn w/double 8 parlor & 1500 gal. bulk tank. Plus 130' bank barn in good repair with 4 drive in bays upstairs & entire bottom part nicely laid out for young stock & freshening pens. One silo 20x40, bottom unloading for high moisture corn and two trenches all on concrete. Also, large metal equipment shed. There is a total of 5 residential units in this sale. (2 Double houses & a tenant house.) The dairy buildings set almost in the center of the farm. A 2 car garage attached to farmhouse. NOTE: Land is in 2 tracts, 220 acres and 137 acres. The 137 acre tract can be purchased separately.
Call me today for brochure and/or personal showing.

— Also —

NEW LISTING

Working produce farm, 98 acres M/L on Rt. 45 - 2 miles east of Rt. 147. Pick your own strawberries, raspberries & asparagus, etc. with a large stream to irrigate if necessary. Has large 5 BR brick house w/1½ baths - new sales store & large bank barn, level land. Good operation for someone with large family.

MAHLON OBERHOLTZER
Real Estate Agency 717-392-1177
Smoketown

So. Northumberland Co.
& Surrounding Counties-

No Money Down. 44 acres, 2 homes & barn, 20 tillable. $89,000. Call Peter.

No Down. 33 acres, 10 tillable, balance wooded against mountain $1,500/acre. Call Peter.

No Down. 100 acres, 75 tillable, prime land, $1,500/acre. call Peter.

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Real Estate Herndon, PA 17830
Peter B. Cortelyou, Broker 717-758-9177
Bob Yarger, Sales Assoc., 717-648-6217
George Wolfgang, Sales Assoc., 717-648-3201

FRANKLIN COUNTY,
ST. THOMAS TWP.

Modern 80 head free stall barn, 8 cow parlor, bank barn, silos, equipt. storage, 1000 gal. milk tank, 2½ story 2 family dwelling on 45 acres for $143,000, on 140 acres for $215,000.

MERCERSBURG

246.9 acres of two adjoining farms w/2 sets of buildings, 42 stanchion bank barn, milk house, other bldgs. Will subdivide for farmettes or road frontage parcels, or sell all for $300,000. Ask for Linda or Ralph.

AUSHERMAN BROS.
REALTORS
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Southern
Huntingdon Co. Farms

Germany Valley

2 adjoining farms, totaling 316 acres, approx ½ tillable, has old stone house, large limestone caverns over 200' long w/underground stream coming out of ground w/trout reproducing in it Would make great recreational development or farming $850. per acre

Germany Valley Dairy Farm

With 8 room & bath brick home, 136 acres w/approx. 100 acres tillable Limestone ground, 40x100' modern barn w/47 stanchions, 40x72' free stall barn, pipeline milk system, 1200 gal bulk tank, 20x80' & 14x65' concrete silos w/unloaders, 40x80' & 20x60' implement building w/corn cribs along side, many other extras $195,000

Near Three Springs

Dairy farm, 175 acres w/150 acres tillable, large barn w/44 stanchions, 2 nice homes, stream & good spring on property Many other extras $285,000

Near Shirleysburg

65 acre farm w/large frame 2 story house, 50x76 barn, 16x50 concrete silo w/unloader, 60' concrete feed bunk, 2 wire corn cribs, milkhouse, bulk tank, spring fed pond $79,000

Colonial Real Estate Agency
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CENTRAL NEW YORK
DAIRY FARMS...

Showplace, well maintained 360 acre dairy farm, Marathon, NY, approx 160 ac. till, 104 tie stalls, 2 silos w/unloaders, pipeline, 1200 gal bulk tank, barn cleaner, lge new Morton Bldg has heated workshop. Completely remodeled beautiful 5 BR home in immaculate cond Possible owner financing $375,000

63 cow dairy farm, 258 ac , 200 till & very flat, located 12 mi west of Ithaca, exc cond barn, 1,000 gal bulk tank, pipeline, barn cleaner, machinery storage shed, 3 Harvestore silos, 2 cement silos, Slurrystore, large pond 5 BR home has room for potential apt , separate tenant house Priced to sell at $222,500

69 cow dairy farm w/barn cleaner, pipeline, 1,000 gal bulk tank w/precooler, attached heifer barn has its own barn cleaner, separate machinery storage bldg., 4 silos w/unloaders, mobile home hook-up site, creek, pond, 313 acres w/130 till (additional 35 available for lease) modern 2 story 15 yr. old home, beautiful cond , fully insulated, 2 car attached garage $198,000

FARMETTE...

Spacious farm home completely remodeled, fully insulated, aluminum siding, 5 to 8 bedrooms, 2 full baths, 8 acres, 27,000 watt alternator, 2 streams, 2 silos w/attached covered auto feeder system, pole barn, ideal beef or hobby farm, beautiful secluded location on a well maintained road, only $65,000

CALL Elaine Adams, Salesperson, 607-849-6975 for appointment only

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607-334-3344

LEHIGH COUNTY

Stone farmhouse, large bank barn, 16 acres high tensile fenced pasture with streams, large level fields, also some woods - $245,000.

Free Brochure w/Photos Available Upon Request

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FOR SALE

Steuben County, NY 204 acre dairy farm, 40 tie stalls, pipeline, tank/washer, 2 concrete silos/unloaders (1) bunker silo, (2) machine sheds, 5 bedroom home. Complete w/all cattle & excellent line of equipment. $225,000.
607-359-2674
Evenings
After 7 p.m.

JUNIATA COUNTY...

140 ACRES (m/l)...100 tillable, remainder pasture and woods. 40 comfort stalls with calf pens, heifer barn, 14x50 Lancaster stave silo and other out-buildings. 4 bedroom home.

PERRY COUNTY...

90 ACRES (m/l)... 80 tillable, 60x80 bank barn, 3 bay garage, corn shed, 40x70 hog building (not in use at present time), 4 bedroom home.

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SOMERSET CO
113 Acre Amish dairy farm Could be converted to hog or beef 85 acres tillable Good state of cultivation 2 seams of strippable coal Would make a good investment If interested call Ernest Holsopple at 814 479 7682

TIOGA CO
Priced to please is this 94 acre dairy farm located in Tioga Co The farm features a 56 tie stall barn lose housing for heifers machinery shed small chicken coop small pig shed and a 4 bedroom house Call Barbara Lamont at 717 297 2619 for more details

CHESTER CO
Bodacious 14 acre modern dairy farm Total cow comfort pipeline on 65 ties with free stall barn Two Harvestores 2 stave silos new bulk tank with heat reclaimer Beautiful secluded 4 bedroom home with southern exposure Lots of road frontage Call Dan Messner at 215 286 2971 or Sandy Leaman at 717 569 4264

UNION CO
White Deer Valley is the home of this excellent dairy farm with 130 acres tillable 52 stanchions bunk feeder excellent limestone soil hay barn and brick farm house with 2 baths and 5 bedrooms Call Fred Clark 717 523 7201

69 Acre general or gentlemens farm with small barn 2 car garage 4 bedroom frame 2½ story house bordering Penns Creek Call Fred Clark at 717 523 7201

Modern dairy farm w/60 comfort stalls box stalls 2 modern implement sheds 840 gal bulk milk tank and pipeline milking system This fine farm has 237 acres w 180 acres of excellent tillable land A large 7 room brick house is in excellent shape Call Sandy Leaman for an appointment to see

JUNIATA CO
Beef farm ideal for an investor since the neighbor has been farming the land for many years and wishes to continue The modern farmhouse is in exc condition with large rooms A buy at $199 900 Call Sandy Leaman at 569 4264

22 acres at Licking Creek with barn that could easily be turned back to a dairy This farm presently has room for 350 hogs Call Dick Crawford at 717 734 3673

PERRY CO
99 acres of nice woodland price reduced Ideal for hunting camp near state game lands Stream and springs on property Call Ken Young at 717 426 1098

LEBANON CO
Horse farm or just nice country living for the executive The modern farm house has been renovated and modernized and has a beautiful family room and in ground pool Call Ken Young at 717 426 1098

COLUMBIA CO
70 Acre farrow to finish hog operation Totally equipped and in good condition Can be bought as going operation or bare farm Could be a good money maker! Nice two story farm home Reasonable offers considered Call Pete Zeisloft at 717 437 2305

164 acre Beef farm but could be renovated for dairy 142 acres tillable large contoured fields very good producing soil A very nice father/son operation There is additional land nearby that can be rented also The buildings are in good condition but need up dating This farm has great potential Call Pete Zeisloft at 717 437 2305

SNYDER CO
Near Selinsgrove is a very modern dairy farm with lots of potential to expand to a much larger size There are presently 232 acres 5 silos 2 complete sets of buildings in excellent condition The farm sits just west of Selinsgrove and has development potential These fine farms could easily be split and sold as 2 farms and have 100 acres on one and 132 on the other and both be dairy Call Sandy Leaman for both of these fine listings at 717 569 4264

BRADFORD CO
A showplace is the description of this modern dairy farm in Bradford Co The farm features a 60 tie stall barn calf hutches implement shed garage A beautiful Victorian home and 287 acres of flat fertile land If interested call Barbara Lamont at 717 297 2619

"We Serve Your Farm Needs"

— Call —

BERKS, CHESTER AND MONTGOMERY COUNTIES CALL DAN MESSNER AT 215-286-2971

YORK ADAMS SOUTHERN CUMBERLAND AND FRANKLIN COUNTIES CALL JERRY K STERN AT 717 246-1471

SOMERSET CAMBRIA BLAIR HUNTINGDON AND FULTON COUNTIES CALL ERNEST HOLSOPPLE AT 814-479 7682

UNION AND MONTOUR COUNTIES CALL FRED CLARK AT 717 523 7201

COLUMBIA AND NORTHUMBERLAND COUNTIES CALL PAUL PETE ZEISLOFT AT 717 437 2305

LANCASTER YORK CALL KEN YOUNG 717 426 1098 OR SANDY LEAMAN 717 437 2305

DAUPHIN COUNTY CALL AT KAUFFMAN 717 896-8958

BRADFORD COUNTY AND LYCOMING COUNTY CALL BARBARA LAMONT 717 297 2619

JUNIATA PERRY FRANKLIN COUNTIES CALL RICHARD B CRAWFORD 717 734 3673

36 REAL ESTATE

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KEY

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This Adams County Dairy Farm has everything needed to set you up in the dairy business 64 free stall, 26 stanchion barn with pipeline, manure pit, equipment sheds, automatic bunk feeder, large brick home. L-5041-15

717-632-6400

DELAWARE FARMS

282 acres, 120 tillable, nice home & barn.

153 acres, 138 tillable, beautiful Colonial home.

150 acres, 140 tillable, excellent vegetable ground, improvements.

11,000 square ft. storage & office space for Agricultural rental.

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302-674-5544

NEW YORK FARMS

#732 - Dairy, beef, sheep or just plain horsing around 180 acres, 90 tillable, big fields, lay nice, 50 acres of pasture, 40 wooded acres, 8RM home in good condition. Located at end of long driveway. 2 story dairy barn, 36x140',3 ponds, fantastic view of surrounding valley. $110,000.

#660 - 390 acres, 180 tillable, well-drained alfalfa and corn land, 100 acres of pasture, 60 acres wooded, 5 BR 2 bath home, very good condition, 2 story barn w/60 stalls plus 57 stall free-stall, double six milking parlor, 1500 gal. tank, 3 silos, nice location, buildings on same side of road. $225,000.

#733 - 285 acres, 100 tillable, 80 cow barn w/pipeline, 1,000 gal. tank, 3 silos, 3 BR home. Asking $150,000. Seller says make an offer. Large amount of financing.

Free farm list available upon request.

Posson Realty
Norwich, NY
607-334-9727

SMYRNA, DELAWARE
Prime grain farm consisting of 216 acres in high state of cultivation. Nice home, shop, implement shed etc. Would like to sell and give possession for 1987 crop year! #F634

DOVER, DELAWARE
41'x650' Perdue Chicken House with $31,000 per year income. 2 nice homes, many large outbuildings, a parcel has been zoned for small business, and 95 acres of land. There are many income possibilities. This would be ideal for a family operation. #F589

HARRINGTON, DELAWARE
Prime grain farm consisting of 200 acres. Nice, long unobstructed fields, great for even the largest machinery. 3 story house, extra large dairy barn, and other outbuildings #F652

SUDLERSVILLE, MARYLAND
Prime parcel of farm land consisting of 330 acres, with long road frontage on 2 hard roads. Presently used as grain, hay, hog and sheep operation. 2 story home, 1 story home, mobile home hook-up and many outbuildings. This farm is large enough for 2 families to divide. Owner will give possession for 1987 crop year! #F491

We also have other farms available. For more information call J. Patrick Callahan, Farm Manager at (302) 678-1646 or (302) 492-8030.

REALTY WORLD ALPHA REAL ESTATE CO.
555 E. Loockerman St.
Dover, DE 19901
(302) 678-1646

PRICE REDUCED - 1000 capacity hog farm (Mifflin Co.) features 57 acres (45 tillable), good buildings with some automatic feeding and mechanized cleaning, comfortable 4 bedroom home with two heating systems, bank barn, outbuildings plus 40,000 lb. truck scale. Priced to sell at $89,900. (457)

AUCTION BARN - stadium style seating, restrooms, living quarters, spacious two bay garage, ample parking, rural setting on 3.75 acres, hardtop access (Mifflin Co.) $55,000 (521)

MOUNTAIN LAND - 173 acres m/l woodland, Blue Mt. Range, Bratton Twp. (Mifflin Co.) $86,500 (515)

CROP - BEEF FARM - 116 acres (100+ tillable9, features two unit brick farm-house, stone/frame bank barn, free stall building (Northumberland Co.) $186,250 (405)

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NEED THAT SPECIAL HOME FOR YOUR WIFE??

We've got a fantastic combination of good farms and truly beautiful homes that will be sure to please your lady.

No. 1 Award-winning Showplace Dairy on over 200 acres - great soils, **exquisite restored 1820's Colonial** (you've dreamed of owning.) Beautiful barn for 90 head, super machinery buildings and heated shop, 2 - 20x80 silos. **Great area.** (Can be bought with registered herd & machinery.) Asking $285,000 - $385,000 complete.

No. 2 - Totally Immaculate Family Dairy, special private setting. **Very Special Colonial Home with massive stone fireplace.** Beautiful living areas with large picture windows. Modern tie stall barn for 90 head. Liquid manure system and great soils on over 200 acres. (Super Registered Holsteins and showroom machinery available) Asking $275,000.

No. 3 The Real "Limestone" Colonial Truly magnificent. **Cut stone** as perfect today as it was in the 1800's. Lots of charm and appeal. 250 acres of the nicest laying fields you'll see anywhere. Special setting. Excellent 72 tie, bank barn, large machinery storage. **New Englanders** will love this farm and Penn. farmers too! (Good owner terms) (Large lineup of A-1 machinery available) Asking $225,000

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*** Free Catalog**

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TIOGA COUNTY

80 acre operating Dairy Farm, 111 tie stalls, pipeline, 1000 bulk tank, barn cleaner, 20x65, 16x60, 14x40 silos, plus heifer facilities and outbldgs, stocked pond. 6 bdrm house, LR, DR, kit, etc Possible lease land available. Asking $145,000 #914

155 acre farm with approx. 100 acre tillable, 2 ponds, just one mile off Rt. 15 on black top road for just $89,500 #896

2 sty Canyon country farmette, 3 bdrms, LR, DR, kit, fmly rm, utility rm, bath, full bsmt, all on 48.8 acres, also small pond. $64,900 #904

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Poultry Farm- 3 Poultry houses with auto. feeder & waterer, currently set up as layer operation, 108,000 bird capacity, all located on 20 acres plus. Zoned agri. Immediate possession, good return on investment. Easy financing. $298,000.

Layer House Complex, over 100,000 bird capacity, auto. feeders, zoned agric., on 20 acres, easy access off Rt. 441. Financing available. $298,000.

41 Acres of open ground, zoned agric., sub-divided partially, tremendous potential to investor, 1 acre lots and a couple 10 acre lots included. $165,000.

LOOK!! POP, MOM & KIDS

18 Acres, 8 tillable plus pasture & woods, 2 small barns, corn crib, good 2 story house, spring, trout stream, hunting, etc. Easy drive to Harrisburg. New listing, under $70,000.

SO. LANCASTER CO.

78 Acres wooded & openland, possible financing, minutes to Willow Valley.

UNION CO.

Penns Creek, state game forest, turkey & deer, own your own mountain, seclusion, 189 acres. Priced under $400/acre.

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$28,500 buys 34½ acres, stream, wooded, open land, seclusion, deer, etc. Minutes to I-80 and to work.

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- 140 Acre Farm features lovely 2½ story stone home modern kitchen, dining room, living room, center hall, 4 large bedrooms & bath, large bank barn, 2 large machinery sheds small horse barn, large storage bins, gently rolling land with pond & stream $460,000
- 70 Acre farm features 50,000 bird automated high rise laying house with packing room, large steer barn, corn cribs, lovely 2½ story stone home with kitchen dining room living room family room and 4 bedrooms, 2 baths $550 000

OTHER FARMS AVAILABLE
Please Call and Tell Us Your Preference

PAUL M. LONGACRE
Rt 100 Hereford, PA 18056
Ph: 215-679-5919

BRADFORD COUNTY

- 5 acre Dairy Farm Modern 74 stall dairy barn Bulk tank, steel pipe line, barn cleaner 20x32 Harvestore silo and 20x60 concrete silo Manure storage Modern Ranch home with 4BR's Kit , DR LR Bath and Den $145,000 Also second house available
- 500 Acre Dairy Farm, 450 tillable, features 184 freestall dairy barn, 125 stall heifer barn, double 8 milking parlor, two 1 000 gal bulk tanks, two 100' bunk feeders, three 24x60 and one 20x60 concrete silos w/unloaders, lovely 4 BR home w/kitchen, LR, FR, office, den, laundry & bath 2nd home 3 BRS & bath Spring fed pond & much more Call for details, $650,000 Cattle & machinery available
- 188 Acre, 130 T Dairy farm with large double 13 room house 3 car garage, 86 stall barn 1 000 gal tank pipeline milker barn cleaner, large machinery shed $165 000 Cattle & machinery available under separate contract

SUSQUEHANNA COUNTY

- 565 Acre dairy farm Features 145 stall barn heifer barn large machinery shed, 2½ story house with kitchen dining room living room office family room laundry 3 bedrooms 1½ baths 2nd House Modern 3 bedroom with kitchen dining room, living room and bath Apartment with modern kitchen living room dining room 3 bedrooms 1½ baths 3rd House New 2 bedroom kitchen, living room and bath $750 000

POTTER COUNTY

- 116 Acre, hunting ground 30 acres open, balance wooded, borders 2 roads & river Possible Owner financing $50,000

LEHIGH COUNTY

- 100 Acre dairy farm, 80 tillable, features 90 cow free stall barn w/freshening area and bulk feeder, 36 stall milking barn w/pipeline milker, bulk tank, barn cleaner Lovely 2½ story home, large kitchen, DR, LR, laundry, 5 BR, 2 baths full attic & basement, (2) 20x60 Harvestore silos, 20x80 concrete w/unloader Stream & pasture, level land, $300,000

TIOGA COUNTY

- 800 Acre Dairy Farm 400 T 2 very good, lovely homes 83 stall dairy barn Steel pipe line, 1000 gal tank and barn cleaner (2) 16x60 and (1) 14x40 silos with unloaders Large heifer barn $365,000 Full line of machinery and cattle available
- 122 Acre, 100 T dairy farm, 47 tie stalls with 24 free stalls 800 gallon tank, barn cleaner, pipeline milker, 20x60 concrete silo with unloader, good house with kitchen dining room 2 living rooms, 3 bedrooms and bath $110 000
- 126 Acre farm, 70 T 45 pasture, balance wood land Land only Near above farm $65 000

SCHUYLKILL COUNTY

- 234 acre woodland tract joins state gamelands borders Rt 81 & secondary road Pine Grove area, good hunting area call for details $175 000

If You Are Interested In 1 Of The Best Dairy Farms In New York State, Located In Cortland County. 200 flat valley acres, excellent drainage, 100 cow barn, and heifer facilities. 3 silos, beautiful, large, modern home & apartment. Must Be Seen To Be Appreciated!

JOE GUNZENHAUSER
REAL ESTATE
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FREDERICK COUNTY, MD.
170 acre dairy farm, 63 free stalls, bank barn, large block equipment building, silo, grain storage, misc. outbuildings, and 3 bedroom older home. $395,000. With possible substantial price reduction.
For Details Call:
Vicki Shaw
Action Plus Realty
301-695-5411
or
301-831-7948 Evenings

CENTRAL PA FARM LISTINGS

BLAIR COUNTY

GENERAL FARM - 175 acres (140 tillable, 33 woodland, 2 site) of relatively productive ground, 2½-story house, bank barn Williamsburg area $139,500

DAIRY FARM - 188 acres (158 tillable, 18 pasture, 10 woodland, 2 site), sound 2-story house, bank barn with free-stall attachment, 16' x 60' and 18' x 60' silos, bulk tank, pond, small stream, nice laying productive limestone ground Located in Sinking Valley. $275,000

GRAIN FARM - 215 acres (160 tillable, 12 pasture, 41 woodland, 2 site), excellent 2½-story house, bank barn, 5 steel grain bins (39,000 bushel total storage capacity), wet holding bin, automatic batch grain dryer, tenant house, pond. Large grain base with considerable good leased land available Located in Sinking Valley. $347,500

GENERAL FARM - 245 acres (171 tillable, 8 pasture, 66 woodland and site area), sound 2-story brick house, tenant house, 2-story bank barn (all steel and cement), productive land all continguous with buildings. Tyrone area. $277,500

CLINTON COUNTY

GENTLEMAN FARM - Approximately 47 acres (23 tillable, 22 pasture and woodland, 2 site acres) with a very well-built 1,800-square-foot ranch home with 2-car garage, tenant house, and bank barn Salona area. $119,500.

FARM - 117 acres (95 tillable, 20 woodland, 2 site), substantial road frontage, 2½-story dwelling, bank barn, several outbuildings. This farm is included in a dairy herd buy-out program (no dairy animals permitted on farm until 1991). $147,000

CENTRE COUNTY

LIMITED ACREAGE DAIRY FARM - 43.7 acres (17 tillable, balance pasture), 2-story stone and frame house, modern 36'x172' dairy barn with 60 tie stalls, milk house, pipeline, 800-gallon bulk tank, 20'x72' Star sealed silo with bottom unloader, 20'x70' silo with unloader. Near Zion $94,500.

FARMETTE - 47 acres (10 pasture and site area), pond, small orchard, classic 2½-story frame house, stone ice house, 2 barns, several outbuildings, beautiful setting. Centre Hall. $134,500

HORSE FARM - 18 acres, 3,000 square foot contemporary ranch home built in 1979, in-ground swimming pool, excellent pole-construction 42' x 72' horse barn with 11 box stalls and tack room Near Tusseyville. $180,000.

GENTLEMAN FARM - 85 acres (28 tillable, 55 woodland, 3 site and orchard), excellently remodeled 2½-story home with 4 bedrooms, a 40'x54' barn, small stream, private secluded setting. Additional land available 10 miles from Bellefonte near Howard. $140,000.

DAIRY FARM - 122 acres (97 tillable, 22 pasture, 3 site and roads), mostly Hagerstown ground, sound 2½ story house, bank barn with 34 tie stalls, 96-stall free-stall barn, pipeline milker, 1,250 gallon bulk tank, 20'x60' and 14'x40' silos with unloaders, 20'x40' Harvestore (under lease). Priced at $182,500 Also available with an additional 95-acres for a total of 217 acres (130 tillable, 47 pasture, 36 woodland, 4 site and roads) and a second barn, 3 additional implement sheds and 1 silo for a total price of $247,500 Near Stormstown

GENERAL FARM - 215 acres (20 open, balance wooded), 2-story home, several pole sheds (one with horse stalls), hay shed, and several other outbuildings Secluded setting, easy access, good hunting Port Matilda $135,000.

FARMETTE - 17 acres (11 tillable, 5 pasture, 1 site), very nice well-maintained 2-bedroom brick ranch home, 36'x52' bank barn, substantial frontage on Sinking Creek. Easy access to State College Tusseyville area $89,500

HUNTINGDON COUNTY

FARMETTE - 6½ acres with a well-maintained ranch home, excellent detached 2-car garage, 20'x30' horse barn in good condition Approximately ½ of the land is wooded McConnelstown area $54,900

FARM - 119 acres (88 tillable limestone ground, 18 pasture, balance woodland and site area), beautiful stone dwelling (1822), barn, outbuildings, stone spring house, and stream flowing through the meadow Warriors Mark (21 miles from State College) $162,500

DAIRY FARM - 338 acres (202 tillable, 56 pasture and lowland, 78 woodland), sound 2-story brick house, bank barn with 37 tie stalls, free-stall barn with 51 stalls and bunk feeder, 20'x60' and 20'x50' silos, 15'x40' Grain-o-matic silo for high moisture corn, farm shop, heifer barn, 2 implement sheds, stream frontage, pipeline and bulk tank, silo unloaders, gutter cleaner Very well maintained $375,000 OWNER FINANCING

BEEF OR SHEEP FARM - 306 acres (approximately 140 tillable, 117 pasture, 47 woodland, 2 site), 1 story brick home, 2 barns, garage, 2 silos, 2 large implement sheds, excellent water supply, 3 ponds $259,500 Additional land available

RIVER BOTTOM LAND - 55 acres (45 6 tillable), frontage on old Route 22, substantial Juniata River frontage Ideal for truck crops and roadside marketing OWNER FINANCING $99,500

LYCOMING COUNTY

GENTLEMAN FARM OR LIMITED ACREAGE DAIRY FARM - 36 acres (10 tillable, balance pasture, woodland and site), very nice 2½-story home, 2-story bank barn, 36'x140' dairy barn with 52 tie stalls, 20'x60' Rib-stone silo with unloader. 2 very good pole buildings. Additional land available. Near Williamsport $107,500

COUNTRY ESTATE - 160 acres (100 tillable), plenty of road frontage, beautiful 12-room brick home built in the 1800's, large barn, several outbuildings. Located a few miles west of Muncy. $295,000

LIVESTOCK AND HOG OR DAIRY FARM - 270 acres (165 level, very highly productive), good 2-story house, bank barn, 60'x120' cattle and hog barn (suitable for freestalls), 20'x60' Harvestore, 2 streams. Near Lairdsville. OWNER FINANCING. $325,000.

RIVER BOTTOM FARM - 93 acres (71 tillable), excellent stone and frame house, sound implement shed, workshop building, large bank barn with 25 stanchions, 3,500 bushel grain bin, substantial Susquehanna River frontage, Class I land 10% **OWNER FINANCING.** Muncy area. $250,000

RIVER BOTTOM LAND - 41 acres (38 tillable) with road frontage on Pa. Route 405 This is a portion of the farm listed above. 10% OWNER FINANCING. $82,500.

NORTHUMBERLAND COUNTY

FARMETTE OR LIMITED ACREAGE DAIRY FARM - 27.9 acres (19 tillable, balance pasture), sound 2-story home, good 1½-story Cape Cod home, bank barn with 35 stalls, implement shed Near Milton $99,500 Also available as a 22-acre unit with 1½-story house for $65,000

MANY LAND PARCELS AND FARMETTES AVAILABLE

CALL OR WRITE FOR THE FREE LIST
FARM AND LAND DEPARTMENT

Fred Strouse (814) 364-1705
(Bedford) Richard D. Reed (814) 839-4271
Don Myers (814) 422-8111

(Huntingdon) Rachel Port (814) 669-4194
Mel Rockey (814) 466-6688

Frederick J. Kissinger, Realtor
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245 S. Allen St.,
State College, PA 16801
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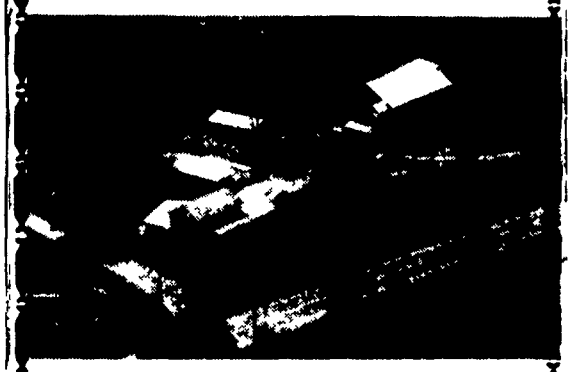
Century 21
Miller Associates
152 Market St.
Sunbury, Pa. 17801
Phone 717-286-5864

Danville R.D. This 116 acre farm with high productive soil includes a rustic farm house in a private setting, plus bank barn and other outbuildings, as well as frontage on macadam road for future development. Minutes from down Danville. Price reduced now just in time for spring planting.

FREE - 10 Day Hawaii Trip For Two With Purchase.



Montour County R.D. 1 Danville, PA
This elegant farm house was totally remodeled and rewired. Four bedrooms, two full baths with 2500 sq. ft. of living space makes this total electric home so desirable. Attached is a 1 car garage. 150 A. of gently sloping farmland has great potential: 72 tillable, 70 woodland and good hunting, balance in well-groomed lawns. 31'6"x37' block building includes 2 car garage, workshop, cold cellar and tractor shed 20'6"x51' machinery shed has metal siding and roofing. The 40'x64' bank barn is in excellent condition and has self feeders and waterers. White picket and board fences provide the perfect setting for one of Danville's most prestigious farms, 4½ miles NW of town on PA Route 642. Serious, qualified persons may call for more details. $280,000

MARIE A. JAMES, Owner
(717) 275-3779

** **WESTERN SNYDER COUNTY:** 150± acre farm — mostly tillable, old house, good barn.

** **JUNIATA COUNTY:** Near Oriental. 207± acre farm. House in process of remodeling. New bath. 4200 bushel grain bins. Bank barn. $195,000. 35-40 min. to Harrisburg.

** **LAND:** 61 acres with public sewer and water available.

** **NORTHUMBERLAND COUNTY:** 180 acre farm with two houses in lower Augusta Twp. Will consider subdividing 2 homes and 5 acres ±. $195,000.

** **NORTHUMBERLAND COUNTY:** 92± acre farm with 91 tillable. 3 BR 2 story home and barn. Rockefeller T. $97,000

** **GENTLEMAN FARMER:** Spacious 3 BR home with quality and craftsmanship thru-out. Featuring beamed ceiling and fireplace. On 2 acres with view. Northumberland Co. $123,000.

NORTHUMBERLAND COUNTY: Dairy Farm, 2 bank barns, 3 free stall, pole barns, Slurrystore & more; on 186 acres near Watsontown. $375,000.

NORTHUMBERLAND COUNTY: 175 acres ± Great view, Contemporary Farmhouse, Barn-near Sunbury. $385,000. House & 10 acres - $185,000.

NORTHUMBERLAND COUNTY: 144 acres. beef operation. 2 Harvestore Structure w/Goliath bottom unloaders, 2 barns, 2 homes and 1 free stall w/several sections.

SNYDER COUNTY: 166 acres M/L. Farm presently being used to raise steers but could be converted back to milking operation. Large 4-5 BR home, bank barn, milk house, butcher house, pig pen, coops, smoke house, wood house. $230,000.

ERA BOWEN AGENCY, INC. REALTORS
(717) 743-2165

RETIREMENT 2 BR Wellsboro home, large lot, garage, near hospital, etc. Low taxes Pleasant town $22,500 (W183)

COMMERCIAL POSSIBILITIES, farmhouse & lg. barn, 6 ac at Rt 6 & Rt. 660 Highly visible $59,500 (W899)

HORSE FARM 3 BR farmhouse, tenant home, barn, stables, indoor arena, on 19 acres REDUCED $108,500. (W968)

HORSE/BEEF FARM 290 acres, new sheds, barn, remodeled farmhouse, sugar bush, etc. $188,500. (W991)

FARMETTE 17 acres surrounds 3 BR, 1½ bath rancher w/full basement & garage, v. private setting $52,000. (W1002)

10 ACRES ½ woods, owner terms, 9,500; OR 1 acre lots near Cowanesque lake $2,500; OR 12.99 acre wooded mountain lots $9,700 near State Land. (W1021, 1029, 146)

FREE CATALOGUE
ERA-Homestead Realty
23 E. Ave.
Wellsboro, PA 16901
717/724-7161

8 AC. FARMETTE, modern home, horse stalls, more land available, must sell $52,500. (M1738)

TRAILER COURT excellent return, 3 BR house & garage, figures available. $99,750. (M1744)

RETREAT/CAMP/HOME, 3 BR trailer on 20 wooded acres, all utilities $29,900 (M1747)

3 APT. HOME, super investment, live in one or rent all 3 - $26,900. (M1751)

VICTORIAN mansion, college town, exc. condition, fully remodeled, retirement?? $59,500. (M1752)

200 AC. HAY FARM, lg. farm house, new pole barn, good frontage, reduced $130,000 (M1792)

FARMHOUSE country setting 4 BR, 1½ baths $21,600 (M1789)

FREE LISTS
ERA-Homestead Realty
267 S. Main St.
Mansfield, PA 16933
717/662-3287

RETIRE HERE 2 BR log sided ranch, fireplace, 2 car garage, 2 acres Nice country setting $25,000 (D506)

REDUCED 3-4 BR home, new furnace, partially remodeled, quiet Potter Co. village. Camp or home $17,500 (D479)

BEEF OR SHEEP FARM 80 acres, 30 wooded w/marketable timber, redone 3 BR home, small stream, Potter Co locale $77,500. (D522)

SPORTING GOODS STORE w/2 apartments & smaller rental. All fixtures & equipment included Small town location on busy highway $95,000 (D501)

FREE LISTS AVAILABLE
ERA-Homestead Realty
168 W. Main St.
Westfield, PA 16950
814/367-2222

ERA

AGWAY DAIRY MEETINGS

GOOD 'N PLENTY RESTAURANT
WEDNESDAY, FEBRUARY 11, 1987
10 AM - LUNCH - FAMILY STYLE

KUTZTOWN GRANGE
THURSDAY, FEBRUARY 12, 1987
10 AM - LUNCH - FAMILY STYLE

CALL YOUR LOCAL AGWAY STORE
BEFORE FEBRUARY 4 FOR RESERVATIONS

James J. Pullins
Manager Farm Sales
Distribution Services,
Agway, Inc.

Dr. Gilbert H. Porter
Vice President - Research and Development
Ph D Pennsylvania State University
Treasurer of Cooperative Research Farms
Charter Member American Registry of Professional Animal Scientists
National Joint Council on Food and Agricultural Sciences
Responsible for Agway's Research and Development Programs

Dr. Porter will discuss why Agway's research efforts make it the place to go for the How, What and When of feeding dairy cattle

Dr. Kendall L. Dolge
Manager of Nutrition and Quality Assurance, Agway, Inc
Graduated from University of Connecticut
MS - University of Connecticut
Ph D Cornell University
Member American Dairy Science Association
Member American Society of Animal Science
Member Board of Directors, Eastern Federation of Feed Manufacturers

Dr. Dolge will discuss feeding dairy cattle in a unique presentation entitled "How to make a good feed fail."

Allan Cornman
Regional Dairy Specialist
Agway, Inc
Graduate of Penn State University
M S Degree Virginia Polytechnical Institute

Allan Cornman will present a new line of Agway feeds formulated to help dairy herds improve fat test.

Clifford M Carman
Agricultural Economist
Graduate, State University New York
MS University of Georgia
Additional Grad Work Oklahoma State
Provides analysis of the dairy situation and provides information concerning the outlook for the industry

Clifford Carman will discuss many of the key factors of dairy management. He will include an update of the dairy situation and provide you with a valuable budget guide.

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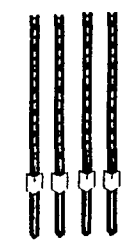

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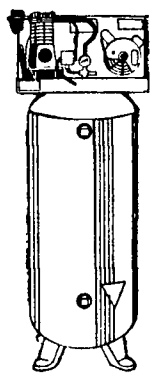
Steel "T" Post
- Includes five clips for attaching fence to post



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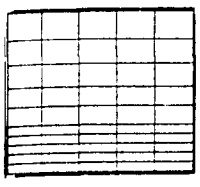
Single Stage Air Compressor
- 60 gal. tank
- Cast iron sleeve two cylinder 1 stage pump 230 V single phase electric motor
- 18 cfm displacement 2.7 cfm at 40 psi and 10 cfm at 90 psi

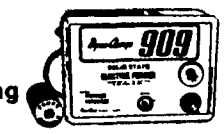


11.99
34"x16" / 24691-282
14.49 52"x16"
24693-282
Livestock Panels
- Made of ¼" steel
- No sagging or stretching
- No bracing required

88¢ 1 Gallon
Reg 99¢ / SAVE 11¢
18258 234
Windshield Wash Anti-Freeze
- Protects to -25°

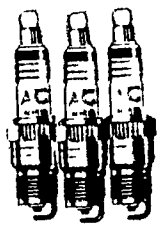
19.99
25181-282
Barb Wire
- 15½ Gauge, high tensile with class III zinc coating
- 2 strand 4 pt. wire 5" spacing
- 80 rods

5.99
548-016
10¼" Fencing Plier Tool



59.99
17985-113
Module Fencer
- Holds animals better under conditions such as wet fences, weeds & grass
- Operates on 110 AC current

49¢ each
17895-130
Steel Rod Elec. Fence Posts
- 48" long
- Made of 11/32" steel



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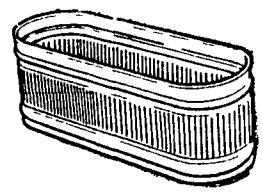
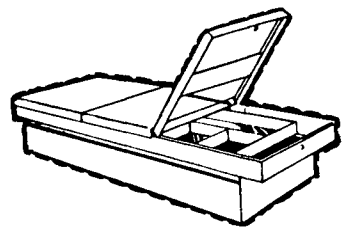
79¢ each
Reg 1.07 / SAVE 26%
Regular Plugs
For most makes and models of cars, trucks, tractors, and many other engines
94¢ each
Reg 1.27 / SAVE 25%
Resistor Plugs

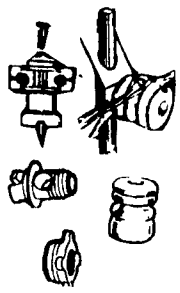


44.99
2" x 2" x 4'
22076 176
59.99 2" x 2" x 8'
220 [illegible]
94.99 2½" x 2" x 8'
[illegible]
Water Tanks
- Constructed of 20 gauge galvanized steel with double locked seam bottoms
- Bottoms include 4 thicknesses of 2 oz. galvanized steel
- Rolled rims with 1" seamless tubing



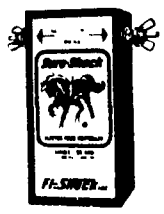
79.99
22 95 269 / 22205 269
Pickup Tool Box
Available for most full size & mini trucks
- Sturdy steel construction
- Baked enamel finish

119.99
Delta Classic Pickup Tool Box
Available for most full size
- Sturdy steel construction
- Black enamel finish



Insulators

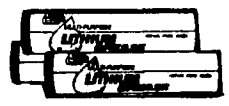
Nail Type	1.19
Springboard	2.79
Western	2.19
Porcelain	1.79



16.99
17984 113
Compact Economy Fencer
- One third the size of standard fencers
- Continuous charge
- 110 volt AC

Galvanized Steel Wire
Smooth galvanized steel wire for use with electric fence chargers.

17 ga. ¼ mi.	19102 150	6.29
17 ga. ½ mi.	19111-150	11.49
14 ga. ¼ mi.	19112 150	11.49



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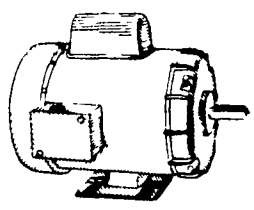

Totally Enclosed Electric Motors
Features ball bearing shaft and manual reset
(* represents 230V)

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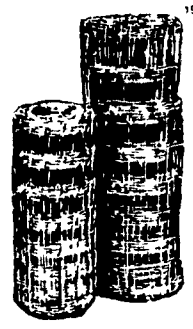
	Reg 99.99	
¾ H.P.	18222 103	109.99
	Reg 117.99	
1 H.P.	18223 103	119.99
	Reg 127.99	
1½ H.P.	18224 103	149.99
	Reg 161.99	
* 3 H.P.	18262-103	249.99
	Reg 268.99	

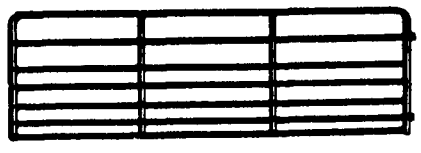


79.99
39" Fence / 24678-282
89.99 47" Fence
24681-282
Field Fence
- 6" between stays with 11 gauge filler wires
- 9 gauge top & bottom wires

39' Field Fence
24707-282 NOW 59.99
47" Field Fence
24707-282 NOW 69.99
- 6" between stays with 12½ gauge filler wires
- 10 gauge top & bottom wires

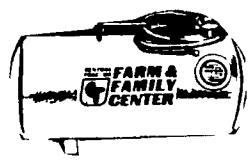
½ Horse Power
149.99
23213 191
Convertible Jet Pump
- Pump and switch assembly
- Fittings and tank not included

Captive Air Tank for 23213 191
Precharged 20 psi
23336 191 NOW 94.95

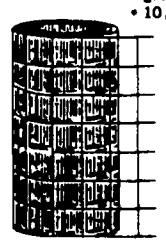


7 BAR TUBE GATE
1¼" 7 Bar Round Tube Gate

4' Gate	32.99	8' Gate	36.99
10' Gate	39.99	12' Gate	43.99
14' Gate	48.99	16' Gate	51.99



29.99 10 Gallon
17784 106
Heavy Duty Air Tank
- Complete with 6 foot hose chuck, gauge and safety valve



Welded Wire Fence
50 ft. 14 gauge welded wire fence. Sturdy wires keep mesh spacing uniform. Hot dipped galvanized. Made in USA

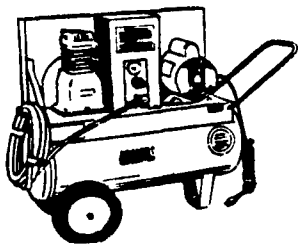
2" x 4" x 48"	14.99
2" x 4" x 60"	18.99
2" x 4" x 72"	21.99

24.99
24871 282
4 Pt. Barb Wire
- 12½ gauge 5" spacing
- 80 rod spools
- Imported

5.99
Reg 7.49 SAVE 1.50
28242 311
18" Under Cabinet Light
- Includes 15 watt flourescent tube & starter
- Non corroding high impact plastic housing
- 6 ft. cord

5 Panel Steel Gates
48" high gates with 22 gauge galvanized steel panels. Gates are 4" shorter than listed to compensate for hinges. Screw hooks and hinges included

10' Gate	29.99	14' Gate	38.99
17886 253		176 6 253	
12' Gate	33.99	16' Gate	41.99
1 687 253		1 6 7 253	



204.99
17983 106
¼ Horse Power Air Compressor
- 15' air hose w/ tire chuck included
- No additional regulator needed

15' Air Hose	1 91 06	NOW 7.99
25' Air Hose	1 800 76	NOW 9.99
50' Air Hose	1 1 06	NOW 21.99

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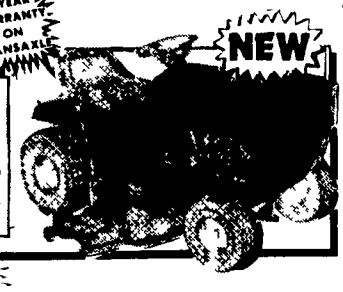

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23509 258 / Side Discharge
Dynamark 39" Riding Mower
- Model 3912-03
- 5 Speed transaxle
- Electric start w/ alternator
- Synchro balanced B&S and Stratton engine

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4 Pt. Gaucho Barb Wire
Gaucho barbwire is made of improved high carbon steel wire that has a class III galvanization 15 gauge 4 pt. wire 5" spacing 80 rod spools

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079 Series

3.99 Quart

10.99 Gallon
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Implement & Tractor Enamel
Choose from AC Orange, IHC Red, JD Yellow, Oliver Green, MF Flint Gray, Case & JD Green, Ford Lgt. Grey, Case Red, Ford & MH Red, Gloss Black, Ford Blue, Primer and Caterpillar Yellow

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#3612-16 Rear Discharge 23496-258
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- Electric start
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Financial Planning Must Include Marketing Strategy

NEWARK, Del. – Financial management is the process of selecting the business strategies that have the best chance of achieving desired financial goals. Income statements, balance sheets and cash-flow projections are traditionally considered the cornerstones of farm financial analysis. But success also depends on effective production, risk management and marketing.

Actually, financial planning and marketing go hand in hand. The tools of sound farm management include both the balance sheet and the cash-flow projection, say extension economists at the University of Delaware.

Selling at the top of the market is a frequent dream of farmers. But is it a realistic goal to shoot for?

Extension crops marketing specialist Carl German suggests that producers who approach marketing as selling a product to achieve the greatest net financial advantage to their business are likely to develop a more effective marketing strategy – one that's more consistent with the risk-bearing ability of their business. Sometimes that means locking in prices that are less than total costs but which will cover variable costs.

The marketing process starts with production decisions, German says. The first step is to evaluate the potential profitability of a particular crop or livestock enterprise, given the prices and costs that currently exist and anticipated changes during the production process. "If your anticipated returns are greater than your expected costs," he says, "the production decision is a go."

The next step is to assess the risks involved in the enterprise and the implications for adverse changes in market conditions over the course of the marketing year. Compare these risks with the potential cost of reducing or transferring your price risk through the use of such marketing tools as cash contracts and options.

"The challenge is to devise a marketing strategy that is consistent with your cash-flow needs and income goals," German says. "You must develop a plan for future action and then make that plan a part of your total financial planning process. You can't just forget about marketing until you need cash for a payment and then try to sell something."

A more effective approach is to determine when sales will be most financially advantageous to your farm business, considering cash needs as well as the cost of holding the product.

"Base both production and pricing decisions on expected supply/demand conditions and anticipated costs," the marketing specialist advises. "This will bring your expectations in line with current conditions in agriculture. Grain prices, by any standard, are depressed. A good manager looks ahead and plans marketing and production over the next 12 to 18 months."

The grain supply and disappearance tables that are published periodically are one valuable tool when developing a marketing strategy. By looking at anticipated stocks at the end of the year, growers can get a good feel for what marketing conditions will be.

German has written two regional publications that can help local grain producers develop more marketing strategies – "Using Basis in Making Grain Marketing Decisions" and "Agricultural Options: A Guide to Writing vs. Buying." Both were prepared for the Northeast Marketing Committee's (NEMC) Grain Marketing Task Force. To obtain copies, call or write: Carl German, Extension Marketing Specialist, University of Delaware, Townsend Hall, Newark, DE 19717-1303 (302-451-2511).

Cost of production is another essential piece of information. University of Delaware extension specialists have just completed a series of one-page cost of production fact sheets for approximately 20 Delaware grain and vegetable crops. Copies of these fact sheets are available from county extension offices in Newark (451-2506), Dover (697-4000) and Georgetown (856-7303).

"Anyone can settle for the average going price when selling agricultural products," German says. "Effective marketing is getting the edge on that price."

The most successful products are generally those with a specific marketing plan, or who have used specific marketing advantages that are available to them, the economist says. "This includes producing a higher- than- average-quality product (such as seed grain) that commends a better price. Do you have some comparative advantage you can exploit in your farming operation?"

Alfalfa growers demand the best.

Horse farms sprawl over the hills and through the vales surrounding the Woodbine, MD farm of J. Stanley Harrison. Within driving distance are numerous paddocks of fine thoroughbreds and standardbreds of the racing industry. Growing alfalfa hay for choosy horsemen is a speciality at which Stanley excells. Here is what he tells alfalfa growers. ***"They want good quality - if it isn't good, they won't take it at any price."*** His Twin Pond Farm hay has a good reputation among horsemen. In fact, they drive to the farm and load his alfalfa themselves. No trucking or handling his hay crop! ***"Maybe the best part is the $150 in cash that each ton brings",*** he tells with a little smile at the corner of his mouth.

Business has grown so much that Stanley built a new pole barn to store hay and straw. What alfalfa variety does he use to fill the barn and get the quality alfalfa he has to have?

"I planted Cimarron in the fall of 1983. It was a dry fall but it started out very well. I've cut it for three years now. Our Cimarron alfalfa has been a good cash crop. Even if you get a dry year like we had this year, it comes through," he says. Horsemen from miles around know where to find the leafiest, greenest hay. They just keep coming back to the barn full of Cimarron."

That's the Cimarron story from Woodbine, Maryland.

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New Pull-Type Combine Offers Axial Flow Advantages

RACINE, Wisc. – The advanced design features of the Case IH 1600 Series Axial-Flow combines are now available in the new Case IH Model 1682 pull-type combine. The Model 1682 offers state-of-the-art electronic controls, improved headers and features to deliver exceptional productivity and operator convenience.

The Model 1682 replaces the Model 1482, which was the industry's first rotary pull-type combine. The Model 1682 offers increased grain handling capacity, with a larger threshing and separating area, increased elevator capacity, and a larger-diameter auger. Its grain tank has the largest capacity in the pull-type market—245 bushels. The Model 1682 can be powered by a tractor ranging from 130 to 200 horsepower.

"This new Model 1682 combine gives producers the advantages of the Axial-Flow design coupled with the economy of a pull-type combine," says Gerry Salzman, Case IH manager of combine promotion. "Our proven rotary concept, matched with a state-of-the-art command center, provides the pull combine market the ultimate in performance and convenience."

Case IH Model 1682 offers improved headers and increased grain handling capacity.

Farm Chemicals: Handle With Care

UNIVERSITY PARK – Chemicals are indispensable products in the agriculture community, but with improper use they can cause serious injury and damage the environment. Penn State's Cooperative Extension service reminds farmers to use extra caution when handling and applying chemicals.

- Always read and follow manufacturers' instructions for storage and application. Instruct all workers in proper use of chemicals.
- Use only the recommended amount – more is not better. Excessive dosage could contaminate milk or meat, result in residue on crops or increase the chance of water pollution from runoff.
- Select the right chemical for the job. If you have a choice, select the one that is least toxic or polluting.
- Wear personal protective equipment – gloves, respirator, eye protection – as recommended by the manufacturer.
- Keep chemicals locked up and out of children's reach. Do not allow children to play in areas where chemicals are used.
- Store chemicals in their original containers and dispose of empty containers properly.

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13-38 H.P.

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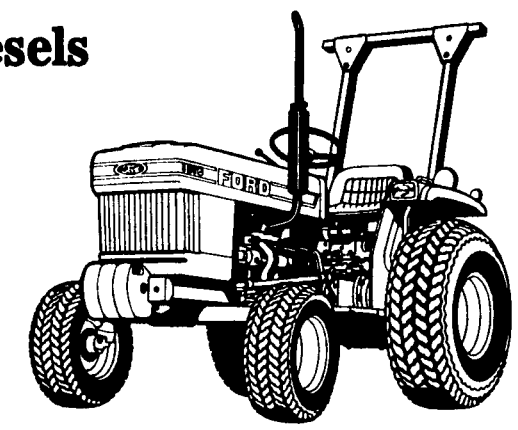

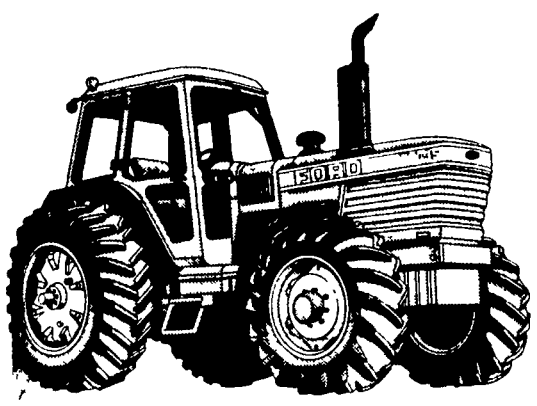

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95 - 170 H.P.

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Famous Ford Mid-Size Muscle
32 - 85 H.P.

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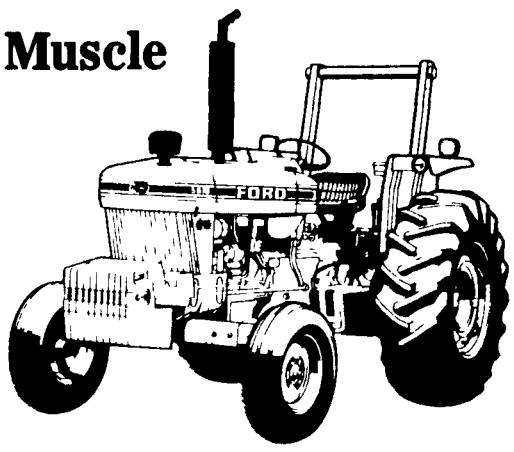

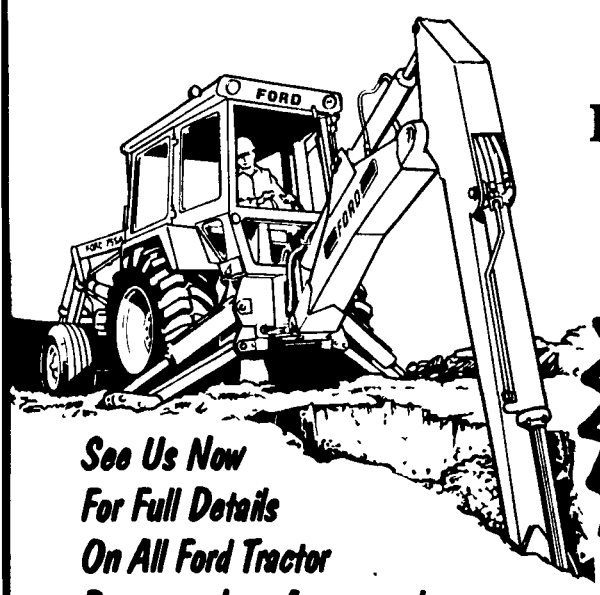

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In This Week's Paper
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Implement Shed Dairy Hog Other
Workshop Loose Housing Stable
Industrial Commercial Riding Arena
Date of Planning To Build

York County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

December, 1986

A high record for the month of 1,080 pounds fat and 28,892 pounds milk was produced in 305 days by Ella-J a 6-year-old Holstein owned by Woodbine Farms, Airville. Second high was Linnan 2, a 4-year-old Holstein who produced 992 pounds fat and 24,438 pounds milk in 305 days, owned by Beshore Farms, New Cumberland.

High herd was Smyser's Richlawn Farms, York, with 76 cows producing 23,112 pounds milk and 810 pounds fat Second high was Beshore Farms with 50 cows producing 22,296 pounds milk and 796 pounds fat

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs.
Smysers Richlawn Fms	3	76 4	87 0	23,112	810
Beshore Farms	3	50 3	84 4	22,296	796
Lynn Wolf	B3	71 7	89 9	22,735	763
HS & RE Fetrow	3	84 1	87 7	21,894	753
Paul R King	3	57 1	87 2	19,614	750
Sinking Spring Fminc	3	66 8	85 9	19,884	742
Shelbud Holsteins	3	72 0	91 5	19,608	715
Wayne B Mummert	B3	79 1	86 2	20,484	704
Hopewell Center Farm	B3	32 1	90 2	19,288	702
Melvin-Barb Marks	3	40 6	89 9	19,466	687
Mervin W Hertzler	2	65 8	89 5	14,200	684
Jim&Holly McCaffree	3	48 4	83 2	18,725	*677
Four-Co Farm	3	52 5	85 1	18,997	677
McRal Dairy Farm	B3	207 4	86 4	19,090	673
Dan & Patti Hushon	3	42 4	87 5	18,336	672
Thomas A Boyer	3	48 1	82 4	17,890	667
B Robert Charles	3	47 2	86 4	18,739	665
Leonard Greek	3	46 5	89.2	18,492	665
Wayne E Myers	3	47 5	83.7	18,118	663
William Myers	B3	49 3	85 3	18,413	662
Rick L Cook	B3	80.5	87.2	17,596	655
Woodbine Farms	3	147 8	85 7	18,289	655
David Stewart	3	112.3	92.3	17,729	653
RR&MR Stewart	3	66 3	84 9	18,659	*653
William Ruppert	B3	59.0	87.1	19,377	652
John Wilcox	B3	43.4	89 2	18,528	650
Melvin R Lehr	B3	50 2	83.1	17,979	642
T Edwin Johnson	3	72.3	85 5	16,647	641
George Innerst&Sons	B3	106.6	86.1	17,673	640
Leroy Bupp	3	107.0	88.6	18,722	640
Edwin L Calhoun	B3	54 6	89 0	18,496	637
Rutter Bros	2	83.4	85.8	13,432	637
Christian Esh	B3	43 1	88.0	18,339	637
Ramsey S Cooper Jr	B3	61 0	88 6	17,656	637
JH & MB Hushon	B3	88.2	89.2	17,878	633
Desota&Robt Burchett	B3	109 7	86 5	17,664	631
Walnut Hill Farm	B3	53.3	84.0	16,924	629
Ellis Crowl	B3	91 7	87 3	16,609	627
Grum Tree Farm	3	44 9	89 7	17,876	625
Gary W Thoman	B3	52 2	89 4	17,211	624
Jacob Brubaker	B3	49 8	87 2	18,457	624
Big T Holsteins	B3	95 5	85 5	17,567	617
J Donnell Taylor	B3	134.5	86 1	17,410	616
Smokey Hollow Farm	G3	42 2	84 5	17,990	614
Double D Farm	B3	101 6	86 2	16,379	611
Furnace Creek Farm	3	118 6	86 1	16,603	611
Leaspring Farm	3	50 7	87 1	18,858	609
Robert W Mays	B3	64 7	88 6	17,264	606
Phillip D Laughman	3	31 7	84 0	16,791	604
Earl Fuhrman	3	108 1	87 2	17,425	599
David Gemmill	B3	88 8	90 2	16,697	598
Kurt D Pealer	B3	29 5	86 3	16,987	598
Albert Dehoff	B3	153 6	88 0	16,733	596
Elvin G Molison	B3	165.4	85 0	16,854	596
Myron R Pomaning	G3	50 8	85 8	16,113	593
Keith A Shaffer	3	45 1	83 9	16,168	591
Hidden Springs Farm	B3	104 4	84.7	16,245	589
Robt Baumgardner Jr	G3	63 3	87.6	18,219	585
Elwood T Krick	B3	83.3	90 2	15,243	584
Harold Brown	3	66 4	86 7	15,903	582
Perrydell Farms	B3	157.8	85.5	16,220	581
Rodman C Thompson	3	75 3	83 1	16,420	579
Bupplynn Farms Farm2	3	84.1	89 0	17,043	578
Leroy Hertzler	B3	30.2	83.6	15,863	575
Bradley Emig	B4	48 8	87 5	11,907	574
Bald Eagle Farm	B3	58 9	87.0	16,018	573
James W Miller	B3	108 9	90.8	15,879	570
David L&Chris Druck	B3	73 0	80.9	16,257	566
Eisenhart Bros	B8	99 2	89 4	16,711	564
Howard G Taylor	B3	55.9	85 1	16,513	563
Kenneth L Rexroth	B3	137.7	86.6	15,049	563
Wayshar Farm	B3	100 6	86 6	15,022	559
Charles Herr & Son	G3	42 4	85 7	14,785	556
William-Robert Fantom	B3	66 5	85 8	15,988	554
Deal Holsteins Farm	B3	120 0	87 6	15,704	552
Elvin R Deiter	G3	62 3	82 6	15,713	552
Walter L Amstutz	B8	41 5	83 7	16,091	551

(Turn to Page C5)

Videotape Explains Manure Calibration

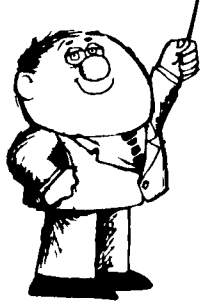
UNIVERSITY PARK – Looking for something useful to watch on your new VCR? If you are involved in farm operations, the Penn State Cooperative Extension Service may have the answer.

"How to Calibrate a Manure Spreader" is an eight-minute videotape produced in support of Pennsylvania's Chesapeake Bay Program. Mitch Woodward, regional Penn State extension agent in Lancaster County, says, 'It's a valuable management tool that can help farmers use nutrients in manure more effectively."

The videotape is a companion to the "Manure Spreader Calibration Worksheet," a fact sheet produced by the Chesapeake Bay Program's technical note series.

"We've been running demonstrations of calibration procedures at field days during the past year," says Woodward, "and now the video will help us reach those who have not been able to attend." The videotape demonstrates how to calibrate both liquid and solid manure spreaders.

For a free copy of the calibration video, send a blank video tape and your name and address to Paul Ruskin, 119 Agricultural Administration Building, University Park, PA 16802.



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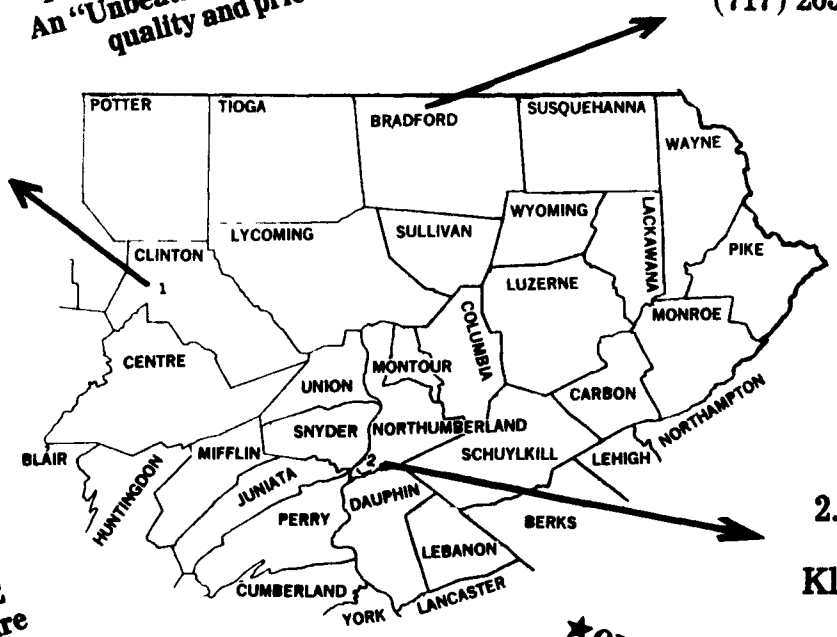

2. Ernie Klinger
R.D. 1
Klingerstown, PA
(717) 425-3491

★COMPETITIVE PRICING - We are the competition!

★QUALITY PRODUCTS - Backed up with a proven track record!

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(717) 265-2200

York Co. DHIA

(Continued from Page C4)

Woodbine Farms						
Ella J	3	6-1	305	28,892	37	1080
William-Robert Fantom						
Janis	3	6-5	305	20,674	31	651
Mazie	3	4-5	305	16,626	39	650
Sinking Spring Fminc						
Tina	3	8-11	305	22,293	38	853
Jennie	3	7-7	305	22,852	41	948
Wetor12	3	7-2	305	21,109	32	679
Marie	3	6-7	305	25,927	38	979
Sal	3	6-0	305	20,538	40	825
Tilly	3	5-8	305	20,562	39	809
Jill	3	4-4	305	25,016	33	837
Kristen	3	4-4	298	25,257	33	830
Matl	3	4-1	305	25,966	34	886
Mill	3	3-6	305	19,845	40	801
Woolsy	3	2-1	305	19,782	37	723
Lucinda	3	[illegible]-11	305	17,615	40	710
Rutter Bros						
Dixie	2	3-4	295	14,333	47	677

(Turn to Page C6)

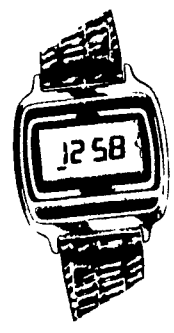
FREE WATCHES... FREE WATCHES... FREE WATCHES

ARMSTRONG
FARM MUSCLE

All Orders Over $250 Delivered Free To Your Farm!
(Orders Under $250... Only A Small Extra Fee)

We Install Tires On Your Farm
• Centre Hall • Williamsport
• Sunbury • Allentown
• North Penna • New Jersey
• Northern Maryland

Ask About Our 4 Year Guarantee On Rear Tires
Strongest In The Country

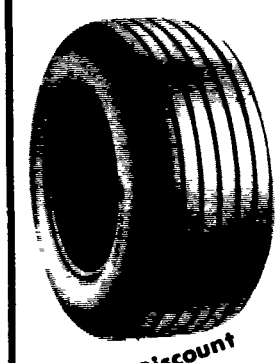


February Specials!

STOP & SEE US
(Rt. 230 West of Mt. Joy, Pa.)

Ask About Free Digital Watch And Special Installation Offers!

WAGON TIRES



26 1200x12 4 Ply	$49 00
8 51x14 6 Ply	$41 00
9 5Lx14 6 Ply	$44 00
9 5Lx14 8 Ply	$49 50
9 5Lx15 6 Ply	$42 00
9 5Lx15 8 Ply	$44 00
11Lx14 6 Ply	$49 00
11Lx15 6 Ply	$43 00
11Lx15 8 Ply	$47 00
11Lx15 10 Ply	$80 00
1000x15 8 Ply	$80 00
11Lx15 8 Ply Tubeless	$50 00
11Lx16 8 Ply	$58 00
11Lx16 10 Ply Tubeless	$74 00
12 5Lx15 10 Ply	$75 00
12 5Lx16 14 Ply	$85 00
12 5Lx15 12 Ply	$87 00
14Lx16 1 12 Ply	$140 00
16 5Lx16 1 10 Ply Tubeless	$160 00
25x7 50x15 4 Ply Tubeless	$44 00
25x7 50x15 6 Ply Tubeless	$49 00
27x9 50x15 4 Ply Tubeless	$53 00
27x9 50x15 6 Ply Tubeless	$60 00
27x9 50x15 8 Ply Tubeless	$65 00
31x13 50x15 6 Ply Tubeless	$88 00
31x13 50x15 8 Ply Tubeless	$99 00

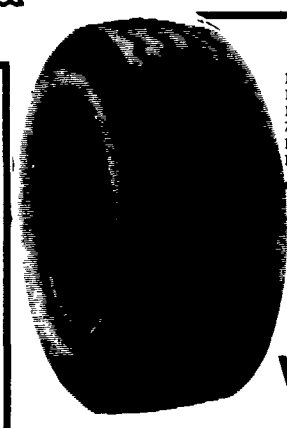
Special Discount $5.00 OFF These Prices

• WAGON TIRES SHIPPED UPS - NO CHARGE! •

Offer Extended

FREE MOUNTING ON Super Hi-Power Lug Radials

14 9R28 10 Ply	$325 00
16 9R28 10 Ply	$399 00
18 4R34 6 Ply	$399 00
16R38 6 Ply	$429 00
18 4R38 6 Ply	$459 00
18 4R38 8 Ply	$489 00
18 4R26 10 Ply	$449 00
20R34 8 Ply	$639 00
20 8R38 8 Ply	$649 00
20 8R38 10 Ply	$699 00



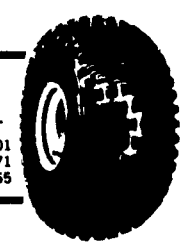
CONTRACTOR F-3

11Lx15 8 Ply	$80 00
11Lx16 8 Ply	$92 00
11Lx16 10 Ply	$98 00
750 800x16 10 Ply	$80 00
11Lx16 12 Ply	$130 00
145 75 16 1 10 Ply	$225 00

Ask About FREE DIGITAL WATCH OFFER

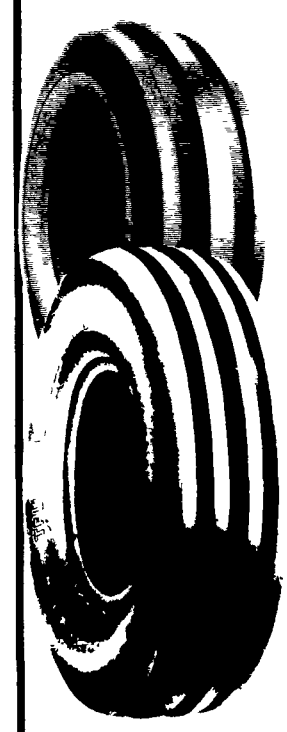
3 WHEELER TIRES

22x11 00 8	$38 01
25x12 9	$54 71
18x950 8	$30 65



FRONT TRACTOR
Shipped UPS - No Charge!
★ 3-RIB ★

400 12	$22 00
400 15	$24 00
400 19 4 Ply	$29 00
500 15	$31 00
550 16 4 Ply	$33 00
550 16 6 Ply	$36 00
600 14 6 Ply	$52 00
600 16 4 Ply	$37 00
600 16 6 Ply	$41 00
650 16 6 Ply	$42 00
75L 15 6 Ply	$50 00
750 16 8 Ply	$54 00
750 15 6 Ply	$50 00
750 18 6 Ply	$64 00
750 20 6 Ply	$77 00
9 5L 15 6 Ply	$55 00
9 5L 15 8 Ply	$60 00
10 00 16 6 Ply	$80 00
11Lx15 8 Ply	$75 00
1100 16 8 Ply	$110 00
14L 16 1 8 Ply	$160 00



Ask About FREE DIGITAL WATCH OFFER!

★ 4-RIB ★

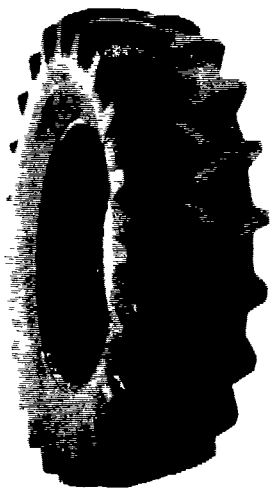
11L 15 8 Ply	$80 00
10 00 16 6 Ply	$80 00
10 00 16 (TL) 6 Ply	$95 00
10 00 16 (TL) 8 Ply	$106 00
11 00 16 6 Ply	$108 00
11 00-16 (TL) 6 Ply	$110 00
11 00 16 8 Ply	$108 00
11 00 16 (TL) 8 Ply	$123 00
14L 16 1 (TL) 6 Ply	$180 00
14L 16 1 8 Ply	$164 00
16 5L 16 1 (TL) 8 Ply	$250 00

★ 5-RIB ★

1100x16 12 Ply Tubetype	$135 00
1100x16 12 Ply Tubeless	$150 00

ARMSTRONG
FARM TIRES

Hi Power Lug



11 2x24 4 Ply	$106 00
11 2x24 6 Ply	$125 00
14 9x24 4 Ply	$161 00
14 9x24 6 Ply	$172 00
14 9x24 8 Ply	$200 00
16 9x24 6 Ply	$200 00
16 9x24 8 Ply	$220 00
14 9x26 6 Ply	$180 00
18 4x26 6 Ply	$247 00
23 1x26 8 Ply	$525 00
11 2x28 4 Ply	$120 00
12 4x28 4 Ply	$137 00
13 6x28 4 Ply	$150 00
13 6x28 6 Ply	$165 00
13 6x28 8 Ply	$195 00
14 9x28 4 Ply	$165 00
14 9x28 6 Ply	$185 00
16 9x28 6 Ply	$225 00
16 9x28 8 Ply	$245 00
16 9x30 6 Ply	$240 00
18 4x28 6 Ply	$300 00
18 4x30 6 Ply	$270 00
23 1x30 8 Ply	$650 00
14 5x32 10 Ply	$775 00
16 9x34 6 Ply	$270 00
18 4x34 6 Ply	$310 00
18 4x34 8 Ply	$335 00
20 8x34 6 Ply	$479 00
20 8x34 8 Ply	$510 00
23 1x26 10 Ply	$600 00
23 1x34 8 Ply	$689 00
11 2x38 4 Ply	$147 00
12 4x38 4 Ply	$175 00
13 6x38 4 Ply	$185 00
13 6x38 6 Ply	$205 00
14 9x38 6 Ply	$224 00
15 5x38 6 Ply	$235 00
15 5x38 8 Ply	$260 00
16 9x38 6 Ply	$295 00
16 9x38 8 Ply	$325 00
18 4x38 6 Ply	$340 00
18 4x38 8 Ply	$380 00
20 8x38 8 Ply	$520 00

Special Installation Fee During February - Call For Quote!

ARMSTRONG

Loader-Dozer

★ TUBELESS ★

16 9x24 8 Ply	$265 00
16 9x24 10 Ply	$330 00
17 5Lx24 6 Ply	$245 00
17 5x24 8 Ply	$270 00
15 5x25 12 Ply	$310 00
17 5x25 12 Ply	$440 00
19 5Lx24 10 Ply	$390 00
19 5Lx24 12 Ply	$430 00
12Lx24 12 Ply	$500 00
20 5x25 12 Ply	$643 00
23 5x25 12 Ply	$960 00
23 5x25 16 Ply	$1 000 00

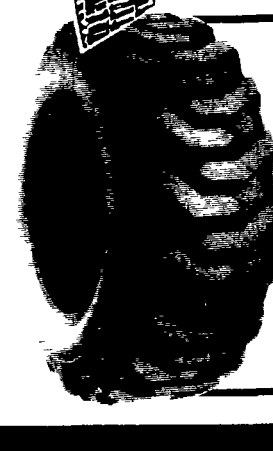
ARMSTRONG

★ TUBE TYPE ★

14 9x24 6 Ply	$200 00
14 9x24 8 Ply	$220 00
16 9x24 6 Ply	$220 00
16 9x24 8 Ply	$235 00
16 9x24 10 Ply	$280 00
17 5Lx24 8 Ply	$240 00
16 9x28 8 Ply	$260 00
18 4x28 10 Ply	$340 00
20 5x25 12 Ply	Call For Quote
23 5x25 16 Ply	
1300x24 10 Ply	$225 00
1300x24 12 Ply	$245 00
1400x24 10 Ply	$255 00
1400x24 12 Ply	$280 00

ARMSTRONG

Ask About Free Digital Watch Offer During February



SKID LOADER TIRES

570x12 4 Ply	$40 00
23 850x12 4 Ply	$47 00
27 850x15 4 Ply	$51 00
27 850x15 6 Ply	$65 00
27 1050x15 [illegible] Ply	$70 00
700x15 6 Ply	$65 00
750x15 6 Ply	$68 00
10 16 5 6 Ply	$80 00
12 16 5 8 Ply	$120 00
Steel Shield	
10 16 5 6 Ply	$95 00

Above Tires Shipped To You FREE

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8 3x24	$100 00
9 5x24	$112 00
14 9x24 6 Ply	$200 00
16 9x24 6 Ply	$210 00
18 4x16 1 6 Ply	$245 00
18 4x26 6 Ply	$360 00
13 6x28 6 Ply	$225 00

USED GRASS TIRES IN STOCK!

Ask About FREE DIGITAL WATCH OFFER During February!

Free Digital Watch For Every 2 Tires Ordered During February!

Small Rear Farm Tires

[illegible] Ply	$59 95
[illegible] 4 Ply	$64 95
8 3x24 4 Ply	$82 00
9 5x24 4 Ply	$92 00
11 2x34 4 Ply	$142 50
11 2x36 4 Ply	$144 00
12 4x24 4 Ply	$123 00
12 4x36 4 Ply	$175 00
13 9x36 6 Ply	$200 00

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York Co. DHIA

(Continued from Page C5)

Beshore Farms						
Angel	3	8-9	305	32,360	3 0	959
Joanne	3	7-7	268	20,329	4 0	805
Petunia	3	4-7	297	21,077	3 8	802
Linnan2	3	4-5	305	24,438	4.1	992
Harold Brown						
Taffy	3	7-0	305	19,315	3 9	745
Valerie	3	5-6	305	19,918	3.4	684
Gale	3	4-5	305	19,363	3.6	705
Anna	3	4-1	305	20,630	3.3	686
Elwood T Krick						
71	3	3-10	305	19,949	4.1	818
Leaspring Farm						
Baggie	3	6-3	305	25,833	3 2	837
Jean	3	5-7	305	21,205	3.1	666
Kathy	3	4-9	305	23,101	3.2	747
Moony	3	5-3	305	20,976	3.3	691
Doug & Gene Kilgore						
Sandy	3	6-6	305	19,931	3.4	677
HS & RE Fetrow						
Mel	3	6-2	305	26,377	3.0	801
Bell	3	5-9	289	26,179	2.7	702
Kitty	3	4-3	299	17,192	4.5	772
Jody	3	3-7	305	20,741	3.6	738
Goldie	3	2-11	305	23,909	3.1	734
JH&MB Hushon						
21	3	4-3	305	19,384	3.6	704
168	3	3-5	305	21,849	3.5	760
RR&MR Stewart						
Flicka	3	3-6	305	19,142	4.0	762
Reggie	3	3-6	305	22,286	3.4	768
Smysers Richlawn Fms						
Kris	3	6-5	305	21,689	3.8	814
Stella	3	3-2	305	24,603	3 7	906
T Edwin Johnson						
Dee	3	9-6	305	16,853	4.5	751
Tilly	3	3-2	305	17,945	3.9	698
Leroy Bupp						
Elaine	3	7-2	305	22,213	3 1	693
Hidden Springs Farm						
Libby	3	8-5	291	20,190	3 5	700
Randy	3	6-0	305	19,298	3 8	725
Dapple	3	5-4	305	20,619	3 7	766
Diana	3	4-0	305	19,289	3.6	695
Lily	3	3-3	305	18,507	3 5	656
Phillip D Laughman						
Myrtle	3	7-4	305	19,033	3.6	693
Haley	3	3-6	305	21,852	3 3	723
Jeffrey D Stambaugh						
Jessie	3	4-1	305	16,530	4 0	666
Paul R King						
Kingkng	3	5-10	305	25,388	3 7	938
Toni	3	4-7	305	19,075	4 0	755
Sesame	3	2-3	305	15,793	4 2	663
Wayne B Mummert						
6	3	5-5	250	20,597	3 2	666
19	3	2-1	305	20,914	3 1	650
Desota&Robt Burchett						
74	3	4-9	305	19,520	3 6	696
99	3	3-7	279	17,752	3 8	671
8	3	3-5	305	21,985	3 5	766
51	3	6-0	268	20,213	3 5	711
Lynn Wolf						
Karma	3	5-4	291	26,224	3 7	962
Kate-2	3	8-6	305	20,655	3 6	738
Nell	3	2-11	305	22,507	3 1	692
Ramsey S Cooper Jr						
*Jan	3	4-1	300	16,628	4 1	681
Melvin R Lehr						
22	3	2-11	301	17,191	4.3	735
41	3	2-11	303	18,167	3 8	688
Horace E Heindel						
178-B	3	5-7	297	23,068	3.6	824
Wayshar Farm						
Tara	3	7-1	305	19,911	4.0	806
Christi	3	4-7	305	15,122	4.4	669
Kenneth L Rexroth						
163	3	5-2	305	19,024	3.7	706
103	3	7-6	305	16,784	4.2	704
78	3	4-5	305	21,068	3.5	743
Rick L Cook						
49	3	5-11	305	20,204	3 8	767
12	3	2-1	305	19,432	3.4	669
J Donnell Taylor						
June	3	8-10	305	20,049	3.4	675
Marsha	3	3-9	305	21,994	3.2	705
Elvin G Molison						
290	3	3-3	305	18,864	3.5	651
Smokey Hollow Farm						
5	3	4-3	305	19,588	3 4	668
6	3	4-2	305	20,688	3.5	714
Mervin W Hertzler						
Billie	2	6-4	305	15,513	4.5	698
Merry	2	5-6	305	17,972	5.2	935
Cricket	2	4-4	305	20,435	4 6	949
Beulah	2	2-9	305	13,494	5.1	688
Charm	2	3-1	305	13,712	5 1	701
B Robert Charles						
Emma	3	7-2	305	22,411	3 5	789
Gina	3	5-11	305	18,922	3 8	720
Gracie	3	5-3	292	20,775	3 3	682
Edwin L Calhoun						
Candle	3	5-5	305	23,006	3 2	736
Ecky	3	3-6	305	18,375	3 8	695
Eagle	3	3-5	305	20,794	3 3	693
Robert W Mays						
15	3	5-1	305	16,313	4 1	673
34	3	4-4	305	21,486	4 0	859
David L&Chris Druck						
120	3	6-0	305	26,733	3 1	821
154	3	4-2	305	20,806	3 7	777
Robt Baumgardner Jr						
Becky	3	6-9	296	20,398	4 1	830
11	3	5-4	295	19,598	3.3	651
Martha	3	2 3	305	20,276	3 2	652
Big T Holsteins						
Mariann	3	6-6	305	23,062	3 4	787
Gayle	3	4-2	301	24,647	3 2	790
Jacob Brubaker						
51	3	4-10	305	25,789	3 4	884
Perrydell Farms						
115	3	8-3	301	18,141	4 1	737
85	3	5-10	305	20,369	3 5	709
124	3	4-5	305	17,247	4 7	802
26	3	4-2	305	23,596	3 4	793
2	3	2 11	305	16,824	4 1	689
David Stewart						
Fiona	3	9-5	305	22,384	3 6	817
Eliza	3	5-3	305	23,643	3 4	813
Lucinda	3	4-6	305	21,045	3 7	780
Vesta	3	6 0	305	19,646	3 9	767
Elan	3	4-0	305	22,436	3 7	828
Dame 63	3	4-5	293	18,771	3 6	672
Trudy	3	4-2	305	22,831	3.4	779
Ale	3	4-5	305	21,331	3 9	833
Walnut Hill Farm						
Mae	3	5-1	287	19,143	3.5	670
Katie	3	5-5	305	18,684	4 4	815
Kay	3	4-5	305	20,221	3 4	686
Rena	3	4-8	305	22,667	3 7	844
Myron R Pomraning						
12	3	9-3	305	21,374	3.2	683
David Gemmill						
112	3	7-3	305	22,436	3.6	801
134	3	5-3	305	15,062	4 5	672
414	3	5-3	305	16,819	4.1	697
Double D Farm						
193	3	0-0	270	16,070	4 1	664
225	3	3-10	305	20,335	3.7	751
256	3	0-0	305	18,628	3 8	705
Howard G Taylor						
63	3	5-10	305	20,893	3 5	729
70	3	3-2	305	22,771	3.1	702
George Innerst & Sons						
42	3	4-0	305	21,111	3 3	695
11	3	9-8	294	17,915	3.8	679
Jim&Holly McCaffree						
Faith	3	7-2	305	25,134	3 7	937
Belle	3	8-3	305	21,585	3 1	672
Satin	3	6-0	305	24,531	3 8	937
Walter L Amstutz						
Sunshin	3	5-2	305	18,693	3.5	655
Dan & Patti Hushon						
Koral	3	7 7	305	22,191	3 0	676
Leonard Greek						
Norine8	3	4-7	305	20,333	3 5	717
Rose 10	3	4-4	305	24,663	3 4	837
Rae	3	3-9	305	18,725	3 7	688
Katie80	3	2 0	305	15,566	4 3	664
Hopewell Center Farm						
12	3	4 2	304	16,369	4 4	725
52	3	3-1	305	22,356	3 5	793
Kurt D Pealer						
41	3	6 5	305	18,414	3 6	665
Shelbud Holsteins						
Lakris	3	4-5	305	22,999	3 8	868
Liza	3	3-5	305	23,416	2 8	653
Bonnie	3	2-3	305	16,584	4 3	714
Melvin-Barb Marks						
Cherry	3	4-4	293	22,091	3 6	801
Maple	3	5-2	305	21,318	3 7	790
Melan61	3	3-7	297	19,022	3 9	749
James W Miller						
59	3	8 10	305	17,703	3 8	667
72	3	6 11	305	17,341	3 8	651

(Turn to Page C8)

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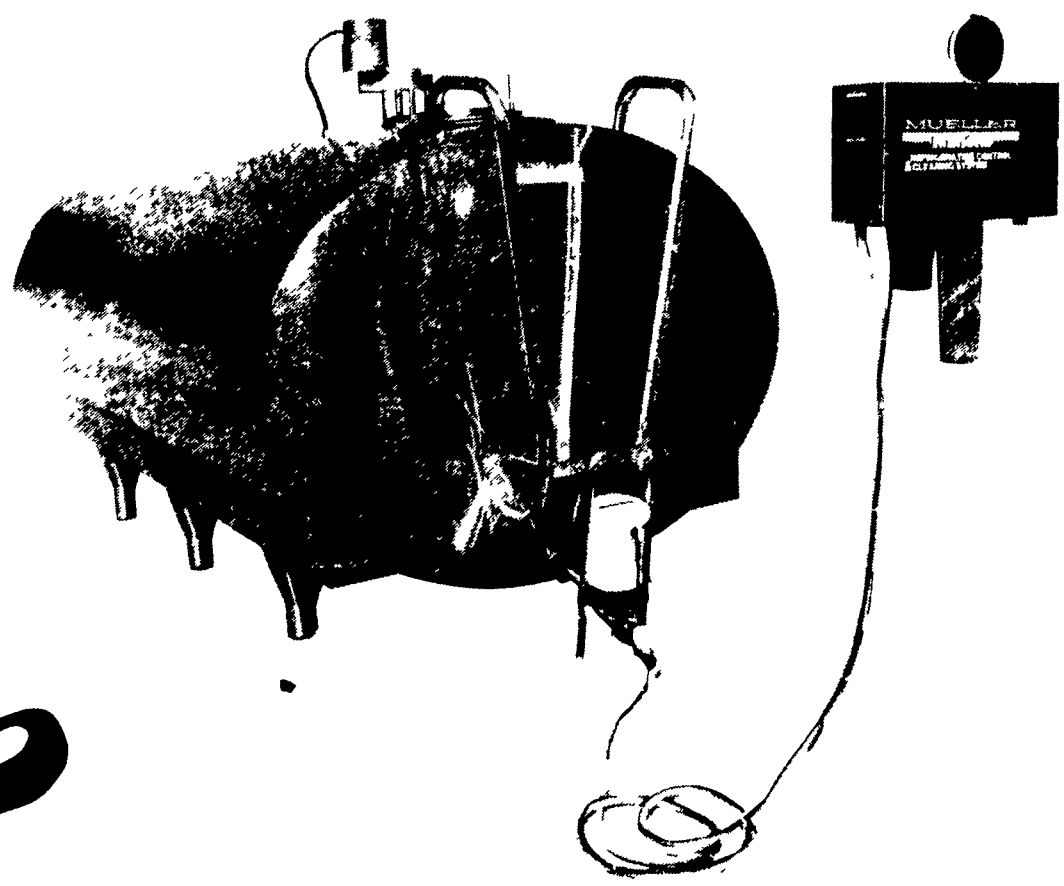

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York Co. DHIA

(Continued from Page C6)

Four-Co Farm						
Molly75	3	4 9	299	18,994	3 8	721
Gail11	3	3-10	305	18,329	3 7	679
Fanny79	3	3-2	305	23,244	3 0	700
John Wilcox						
89	3	9-4	305	20,470	3 6	729
61	3	4-5	305	20,279	3 4	697
48	3	2-8	305	21,450	3 2	684
Bald Eagle Farm						
Bets136	3	4 4	305	16,944	4 4	739
Lyn 105	3	4-2	300	18,107	3 6	657
2	3	3-4	305	21,113	3 2	674
McRal Dairy Farm						
Dputy19	3	6-0	282	17,649	3 7	651
Sun5	3	2-0	305	19,530	3 9	766
William Ruppert						
Cricket	3	4-1	305	21,484	3 6	783
Ida	3	6-3	295	18,052	3 6	652
Wayne E Myers						
Pam	3	4-6	305	24,065	4 0	955
Victora	3	4 2	305	23,292	3 2	746

McKean Co. DHIA

December, 1986

Owner	No. Cows	% Days	Milk-Lbs.	Fat-Lbs.	
John H Lapp	57	87 6	22,218	798	
Charles Irons	83	87 3	19,924	794	
Thomas Spees	35	85 3	20,051	744	
Orton Kinney	29	90 3	20,466	744	
Mantz Farms	39	88 3	16,855	665	

The following cows completed lactations over 850 pounds of fat during December 1986

Charles Irons				
Elly	6-6	305	25,452	947
John H Lapp				
Patunia	3 2	305	23,963	913
Thomas Spees				
Patches	5-4	305	25,252	863

Clinton County DHIA

December, 1986

Owner	Brd	#Cows	% Cow Days In Milk	Milk Lbs.	Fat Lbs.
Paul L Courter	3	88 3	89 0	19,219	718
Ronald H Meyer	3	111 2	88 8	18,968	695
Richard L Schenck	3	124 3	85 7	18,620	681
Tom & Grace Nicholas	3	44 7	87 1	17,729	667
Blair & Elaine Courter	3	68 9	86 0	18,407	662

The following cows completed lactations over 850 pounds of fat during the December testing period

Paul L Courter				
Polly	5-2	305	22,370	926
Larry P Dotterer				
#199	4 4	305	22,956	869
Paul L Courter				
Milly	3 5	305	21,811	855
Leslie B Irvin				
Patsy	3 8	305	22,011	854

Vegetable Guide Available

UNIVERSITY PARK — The Commercial Vegetable Production Guide for 1987 is now available from your county Cooperative Extension Service office. The guide, which has been prepared by Penn State faculty in horticulture, entomology, plant pathology and agricultural engineering, is designed to help commercial vegetable growers make informed management decisions.

Topics covered in the guide include soil selection and management, varieties, specialty vegetables, air pollution injury, nematode sampling, diagnosis of vegetable crop problems, the safe use of pesticides, and production of disease-free seedlings and transplants. Methods of disease, insect and weed control for each crop are also discussed. Included are tables of proper spacing for planting the crops and the necessary time periods between spraying and harvesting.

Other tables in the production guide include formulations of herbicides and their effectiveness on some common weeds, as well as a list of herbicides available for use on vegetables. The authors of the guide have given careful consideration to protecting the environment. Chemicals unduly hazardous to the environment have been eliminated from the guide, and non-chemical control methods are encouraged.

The guide costs $5 and is available from your county Cooperative Extension Service office or the Publications Distributions Center, 112 Agricultural Administration Building, University Park, PA 16823.

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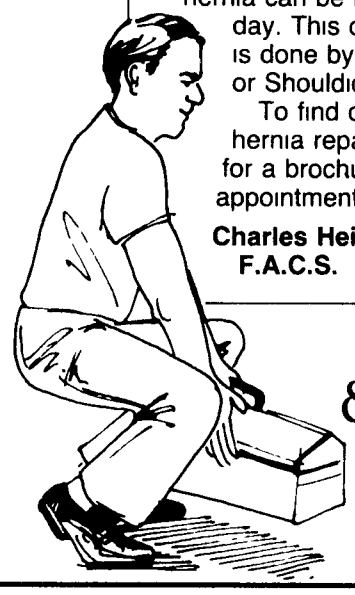

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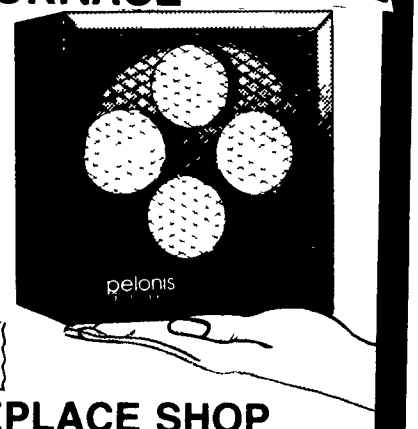

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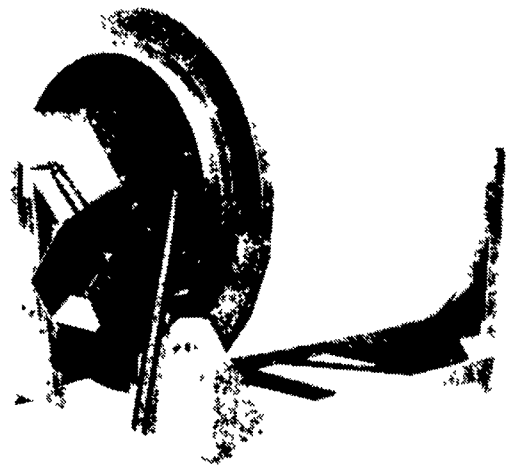

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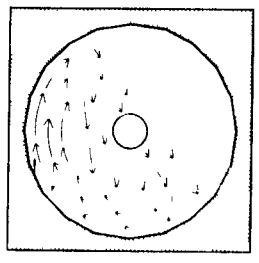

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Hopkins Wins Delaware Holstein Service Award

SMYRNA, Del. — William Hopkins, Lewes, received the distinguished service award of the Delaware Holstein Association at the Association's annual meeting held recently at the Smyrna Fire House.

Hopkins received the award based on his many years of significant service to the dairy industry in the Delaware. He has served as a member of the boards of directors and delegate to Inter-State Milk Producers, Dairy Council Inc., and the Mid-Atlantic Milk Marketing Association.

Together with his wife, Dorothy, and 10 children, Hopkin manages 500 acres and 250 cows. The owner of the third generation farm and his wife have managed to put all 10 of their children through college. Their son Walter recently completed his term as president of the state association.

Outstanding youth awards were given to John Green, Middletown, in the junior division, and Cheryl Warren, Kenton, in the senior division.

Mark Phipps, Wilmington, garnered two production awards in the junior division. His 2 year old, Centerdel Mars Ideal, earned the milk award with a 305 day production of 19,317 pounds of milk and 677 pounds of fat. His aged cow, Centerdel Topper Elect D Micky, won the fat award with a 305 day lactation of 23,146 pounds of milk and 855 pounds of fat.

Breck Vanderwende, Greenwood, took home the award for high 2-year-old fat production. Woodenhawk Paul Monica completed a lactation of 13,957 pounds of milk and 716 pounds of fat.

Will Phipps, Wilmington, was the owner of two cows earning three production awards. Centerdel Magic Con L Precious completed a lactation of 19,416 pounds of milk and 713 pounds of fat for the top position in the 3-year-old milk category. Centerdel Mars Riley O Orchid, a 4 year old, produced the high milk and fat record of 23,229 pounds of milk and 896 pounds of fat. This cow won the award for overall fat champion in the junior division.

Martha Phipps reaped the remaining production awards in the junior division. Her 3 year old, Aynestead ZsaZsa SWD Capri, earned fat award with a production of 18,580 pounds of milk and 869 pounds of fat. She won the overall milk award and the aged cow milk award with Centerdel Jupiter RORA Nina. The 5 year old produced a record of 24,061 pounds of milk and 830 pounds of fat.

In the open division Norman Voss, Clayton, captured the 2 year old milk and fat awards. Sau-Au Sherm Jenna produced 31,827 pounds of milk and 869 pounds of fat. Voss added the 3 year old milk award, 4 year old milk and overall milk champion awards, and aged cow fat award to his winnings. Contributing to his successes were: a 3 year old, Vossmon Rotate Ellie, with a production of 30,378 pounds of milk and 1,023 pounds of fat; Vossmon Trump Suzie, 4 year old, with 32,934 pounds of milk and 962 pounds of fat; and Vossmon Elbow Star, a 7 year old, with 26,186 pounds of milk and 1,059 pounds of fat.

The 3 year old fat and overall fat award went to a cow owned by C. Delbert Cain, Harrington. Cain-View Valiant Rose produced a record of 26,895 pounds of milk and 1,129 pounds of fat.

J.E Bailey and Sons Inc. won the 4 year old fat award with Bal-Far Crystal Wizard. She completed a lactation of 25,923 pounds of milk and 1,036 pounds of fat. Baileys also earned the aged cow milk award. Their 6 year old produced a record of 30,738 pounds of milk and 940 pounds of fat.

Treasurer Charmayne Busker reported a break-even financial year for the Association. The Association will host the Eastern Shore Calf Sale on March 14, the state Holstein show this spring and the state calf raffle at the State Fair this summer.

Guest speaker Glenn Freese, Oxford, Pa., told the group they must alter the way they approach the dairy business. They must look at the business the way a banker would not just as a way of life. "Use what you have above your shoulders a little more, and set your goals on what the market wants," he said.

Phil Pierson and Norman Voss, both of Clayton, welcomed the group to their farms. Voss maintains a BAA of 106 and a rolling herd average of 21,641 pounds of milk and 742 pounds of fat on 95 head. Pierson averages 18,651 pounds of milk and 697 pounds of fat with a BAA of 102 on 107 head.

The new Delaware Holstein Association president if Richard Morris, Newark. Also elected were: Charles Hudson, Viola, vice president; Charmayne Busker, Harrington, secretary-treasurer; and directors James Wolfer, Newark, Dan Vanderwende, Bridegeville, and Robert Voorhees Houston.

Dues for the Association for 1987 should be sent to Charmayne Busker at RD 2, Box 216 A, Harrington, Del. 19952. The dues are based on the number of milk animals with a base rate of $10 for the first 10 milking registered animals and a 10 cent charge per cow up to a maximum of $20.

Bradford Co. Forest Landowners Meet New Directors

WYSOX — New directors of the Bradford County Forest Landowners' Association were introduced during a recent meeting in Wysox. The directors were elected during the organization's annual meeting in November.

Directors Robert and Susan Storch are from Troy. Susan, elected as secretary at a recent board of director's meeting, replaces Janice Schlegel, who retired from the board.

Another new director is Tim Beardslee, who farms in Wetona with his father, Roy Beardslee. Other directors are Ben Wilcox of East Canton, Frank Crandall of Sayre, Elton Pepper of Towanda, Dr. James Smith, vice-president of Monroeton, and Dan Puterbaugh, treasurer, from Rome.

Speaker for the evening was Dr. John Buzzell of Towanda, who spoke about forestry in New Zealand. He and his wife, Jane, also treated members to a New Zealand dessert called "pavlova" containing kiwi fruit.

The next meeting will be held March 17 at 7:30 p.m. at the Cooperative Extension office in Towanda. Game Protector Bill Bowers, from Troy, will speak about "The Wonders of Nature."

Membership of the forest landowner group totalled 92 in 1986, representing approximately 40,000 acres. For more information about the organization, contact Jane Bresee, R1, Box 131, Ulster, Pa. 18850.

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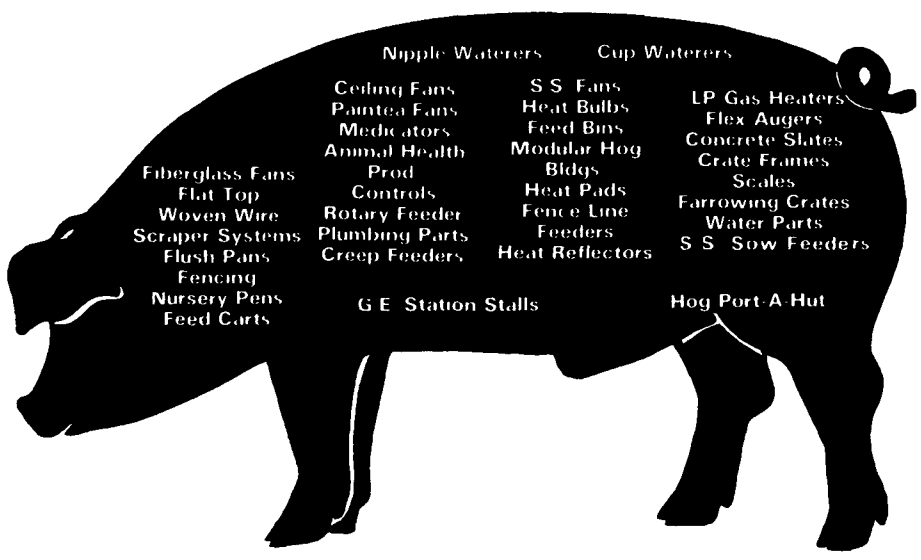

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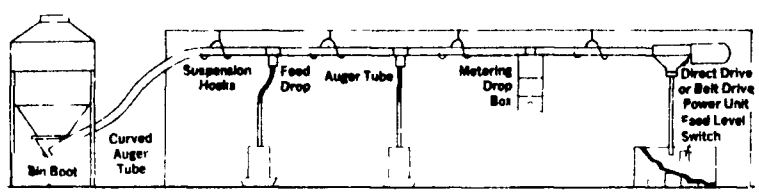

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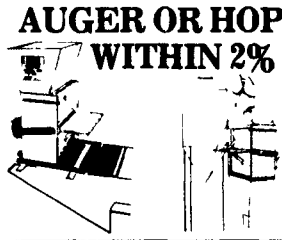
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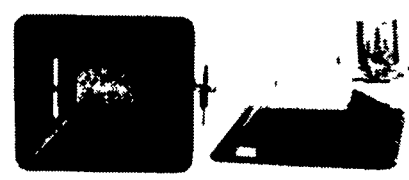
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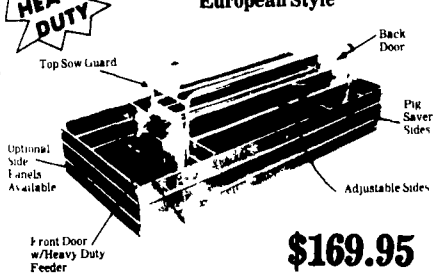

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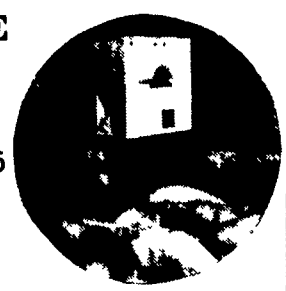

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Building Conference Speakers Explain Codes, Insurance

BY BETH NESBIT

KITTANNING — Presentations relating to the commercial building market and covering topics concerning building codes, insurance and the use of fire retardant lumber highlighted the sixth annual, two-day, farm builders conference held here recently.

James Varhola, director of the Bureau of Occupational and Individual Safety in Harrisburg, concentrated his discussion on Pennsylvania's labor and industry codes for commercial buildings.

Varhola stressed the regulations of the Fire and Panic Act of 1927. Any building, with the exception of farm buildings with 10 employees or less, must comply with the 1927 Act.

The basic components of the Fire and Panic Act state that the building being erected must have approval under the act. Once approval has been received an occupancy permit is distributed. Permits for use or occupancy should be obtained before any building is erected or altered, Varhola explained.

By failing to submit plans or obtain approval, the owner, contractor and architect will be required to immediately cease all work on that structure until the Department of Labor and Industry has given approval of submitted plans, the bureau director continued.

Varhola stressed the primary purpose of the Act is to provide for the safety and health of all persons employed, accommodated, housed or assembled in the structure being regulated.

Adaptations for the Handicapped, Act 235, is a concern for many in society today, Varhola explained. Many builders must consider ramps, wider doors for the entrance of wheelchairs, the installation of elevators and restroom facilities that are accessible to the handicapped individual.

In closing, Varhola encouraged all contractors in attendance contact him with any problems they may be having.

Bill Allen, spokesman from the insurance community, discussed fire insurance for the different types of buildings under construction.

Insurance rates are based on chances of loss of the building. These rates are based on a back rating which is a series of charges and rates.

Allen presented two factors which help determine occupancy rates. The first factor is the possible hazards; the second factor is how these hazards are protected. The builder does not determine these hazards.

In the private protection sector, automatic sprinkler systems are the best way to protect property. Sprinklers must be installed and maintained according to state regulations. If these standards are followed and the system is regularly inspected, the insurance rates may be lowered, Allen noted.

Fire and smoke detection systems are also helpful in lowering the cost of coverage. An advantage these systems have over a water sprinkler system is a reduced cost. Plus there is no accidental flooding caused by such a system. Allen said it is to the client's advantage to know of these different types of fire protection systems.

Allen said that a building's exposure does effect the insurance cost. If a farmer builds a new metal structure it typically has low insurance rates. But, if this particular structure is exposed to a frame building or joined to a frame building, insurance costs increase due to the frame structure exposure. Allen stated that if a subdivision were constructed between these two buildings, the insurance rates would decrease significantly.

Steve Shields of the Koppers Company in Pittsburgh spoke about the uses of fire retardant lumber for structural and nonstructural uses in commercial buildings.

Shields explained that fire retardant wood is: pressure treated, has a flamespread index of 25 or less, has no progressive combustion, bears identification of agency with re-examination service, is within hygroscopic limits and is dried after treatment.

The Koppers Company offers a fire retardant treated wood with a patented formula as an alternative to materials of construction classified as noncombustible for weather protected applications. Shields added that Koppers' wood also resists decay and termites.

This specific fire retardant treated wood is lumber and plywood pressure soaked with a proprietary fire retardant solution. Following treatment, Koppers' patented wood is dried in a kiln to an average moisture content of 19 percent or less for lumber and 15 percent or less for plywood. This moisture is in accordance with AWPA standards C-20 for lumber and C-27 for plywood.

Drying after treatment to these levels is required to comply with the model building codes and other standards.

Shields advised, "Be aware of what is on the market...know their product's properties."

Improved Side Delivery Rakes Available From Deere

MOLINE, Ill. — Four new side delivery hay rakes with a number of design improvements have been introduced by John Deere. They are the 652 and 662 models, with 8-½-foot raking width, ideally suited to raking hay in 7-foot swaths or behind 7- or 9-foot mower conditioners; the 672 (left-hand delivery) and 673 (right-hand delivery) rakes, both with 9-½ foot raking width.

The 672 handles 9-foot swaths or windrows behind 9-ft. or larger platforms. A tandem hitch allows the 673 to be joined with either the 662 or 672 for raking two windrows together.

Hydraulic reel drive is standard on the 652, so the operator can match reel speed to crop conditions independent of ground speed. Hydraulic reel drive is optional on the three drawn models.

The 652 features an integral hitch that offers the maneuverability and easy hookup associated with three-point hitch-mounted rakes.

On all trail-type rakes, offset rear wheels are positioned in close to the basket and closely follow ground contours to rake all of the hay cleanly. This also helps prevent rake teeth from contacting the ground during operation on rough or uneven ground.

The right-angle reel delivers hay gently from the swath to the windrow or when turning windrows for faster curing. Forward movement of the hay is held to a minimum to reduce leaf loss and retain hay quality.

A hydraulic basket lift cylinder, available as an attachment, enables easy raising of the rake to avoid obstructions and also helps prevent damage on uneven ground. The basket tilt adjustment linkage permits easy positioning of the basket to match windrow forming requirements. A single height control crank is located conveniently for positioning the rake basked manually for field operation or transport. The basket leveling linkage is spring-loaded; this enables the basket to float over terraces or uneven ground.

A unitized design increases basket strength for improved reliability. The unitized front hitch and gauge wheel support likewise has been strengthened to increase durability and better withstand side loads. New front basket support bolts to the front hitch support are also stronger, to reduce loads on the rake frame.

Tooth life has been increased by employing a J-hook design that is formed before the teeth are molded in rubber, to improve bonding.

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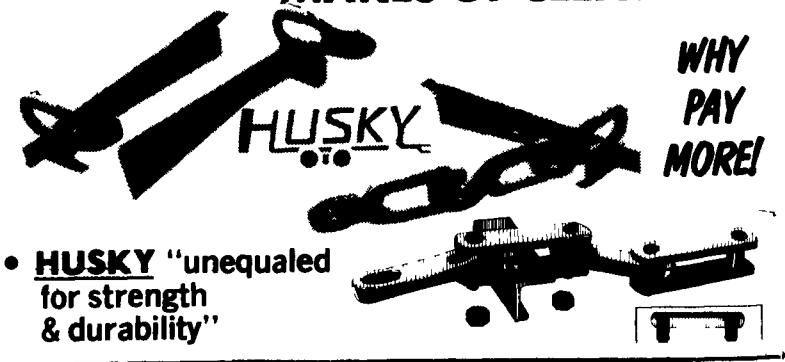
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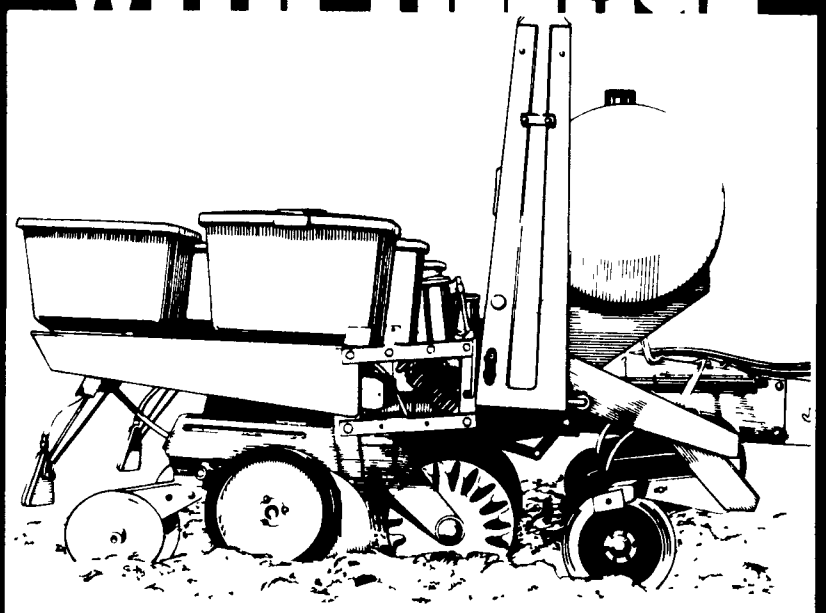

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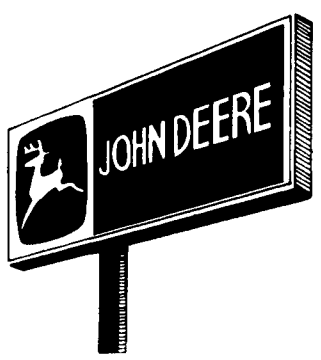

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Case 580 CK Diesel Wheel Loader, Backhoe, $6,000. Dennis M. Miller Equipment Sales, 717-469-0691 day 717-838-1888 eves

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IH 706, NF, recent overhaul, $2,900. 717-532-7054.

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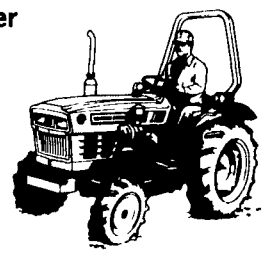

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NH 276 Baler & Thrower
NH #30 Blower
(2) NH 256 Hay rake w/Rubber Teeth
NH 791 Manure Spreader
NH 354 Grinder Mixer

DEUTZ ALLIS

Tanaka Chain Saws & Weed Cutters

NEW EQUIPMENT

Deutz Allis 6250, 2 WD w/455 Loader
Deutz Allis 6275, 2 WD w/ROPS
AC 1200, 16½' Field Cultivator $2,450
Deutz Allis 6265 w/Cab
Deutz Allis 6070, 2 WD
Deutz Allis 6080, 2 WD

USED EQUIPMENT

NH 1495 SP Haybine w/Hydrostatic 338 Hrs.

IH 915 Combine w/763 Corn Head & 810 Grain Header
1976 Gleaner F Combine w/430 C.H. & 13' Grain Platform, Excellent Condition
Oliver 1850, 4 WD Tractor
Farmall 504 Tractor
AC 5050 Tractor, 226 hrs., $7,950
AC CA Tractor
AC B Tractor w/Cultivator
IH 584 Utility
IH 350 Utility w/#34 Loader
IH C Tractor
IH M Tractor
Farmall 350 Tractor
Newfield 465 Tractor
Case Stalk Shredder
JD 336 Baler w/#30 Thrower
JD 24T Baler & Thrower for parts, $350
IH 46 Baler
IH 56 Blower
Gehl Hi Throw Blower
AC Pitmanless 3 PTH Mower
IH 51 Forage Wagon
JD 4Fx16 Trailing Plow
MF#33, 17x7 Grain Drill
JD Wheel Rake
NI 218 Spreader

USED EQUIPMENT

TRACTORS:
IH 886 SOLD'S, low hrs, real l...
MF 35 Utility
IH Farmall "C"
Farmall 200 w/Green Bean Mtd. Picker
Farmall 450 Diesel
Farmall Super C w/Fast Hitch & Cult
Farmall 400 Gas, Tricycle
(2) Farmall 806D, WF
Int F12 w/cult, $650 - Runs
IH 240 w/Fast Hitch
Cub Lo Boy w/60" Mower
IH 185 Cub Lo Boy w/Mower - Mechanic's Special, $1,500
IH 340, Utility, WF, FH
IH 460 Utility Gas - Real Nice Cond!
IH 584 Row Crop - Real Nice!
IH 1566 w/Year-Round Cab, 30 5x32 Tires - $11,500
IH 656 Diesel - $4,850
Oliver 1800 Gas, WF, New 18 4x34 Tires
MF 135 gas, low-profile orchard tractor
Case 990, Ex Cond
Case 885 Narrow, Special Tractor, Ex Cond, Good for Orchard or Vineyard

TILLAGE:
White 598 4-Bot Vari-Width Trailing Plow
Brillion Vibra Tine Trailing Field Cult, 16 Ft, Like New
Pittsburg 11'6" Disk
JD KBA Disk, 9' – $750
JD BWA 12' Disk
JD 1710A 12' Trailing Mulch-Tiller, Like New - ~~$3,950~~ - Now $3,550!
IH 37, 35 In Various Sizes
Ford 3 pt. Hitch 3-Bot Plow, 14", Category 2
IH 420 2 Bot. 14" 3 pt Hitch Plow
IH 550 5-Bottom Semi Mtd Plow
Int 360 20 ft. Trailing Field Harrow
1-Bot. Trailing Plow
Vicon 10' Power Harrow – Was ~~$2,500~~ – Now $950

OUTDOOR POWER EQUIP.- OVER 20 USED L&G TRACTORS IN STOCK AT ALL TIMES
Cub Cadet 149 w/42" Mower
Cub Cadet 108 w/Mower
Cub Cadet 106
Cub Cadet 105 w/mower
Cub Cadet 682 w/50" Mower
Cub Cadet 982 w/50" Mower-Rental Unit
JD 210 w/Mower, Nice Shape
AC Big 10 w/Mower
Gravely Model 424, 10 Hp, w/Mower
Yazoo 16 Hp w/48" Deck, Nice Shape
Yazoo For Parts

MATERIALS HANDLING:
Farmhand Loader for IH 74 or 84 Series Tractor
Alum Belt Harvest Handler, 18' Elevator, Model B w/Motor - $250

IH PARTS COMBINES:
IH 315 Hydro & Plat
IH 315 Gear & Plat.
IH 403 Gear, 4R Wide Hd & 12 Ft Plat
IH 227 Cornhead
IH 700 13' Platform

COMBINES: 8.8% Int. or Waiver Til 11/1/87
AC FKS Diesel w/4-Row Wide Cornhead & 13 Platform
IH 205, Cab, 10 Ft Platform Real Nice - $3,800
IH 227 Cornhead, fits 315, 205 or 203
IH 843 4-Row-Narrow Cornhead – $3,250
IH 863 6-row Cornhead Real Nice!
MF 550 Hydro, Late Model, Grey Cab, 900 Hours, 1144 Hd And 13 Ft Soybean Platform w/23" Tires
JD 45 w/Hume Reel, Good Shape, Late Model
744 Wide Cornhead for 715
743 Narrow Cornhead for 815

MISCELLANEOUS:
SIMMS Cab & Roll Bar Enclosure for 574 Series Tractor – $550
ARPS 3 pt 78" Snowblower
Walsh 300 Gal Trailing Sprayer
Howard Rotovator, 54", 3 pt. Hitch, Hvy Duty - $1,050
Century 300 Gal Trailing Sprayer

HAY & FORAGE:
Int 56 Blower, Rebuilt
IH 61 Forage Wagon w/140 Gear - $750
NH 33 Flail Chopper
NH No. 26 Blower
(2) NH No. 27 Blowers (Whirl-a-Feed)
Gehl FBB 88 Blower
Gehl 99 Hi-Throw Blower, nice!
550 IH Chopper (Parts)
1014 Hesston Mower Cond – Make offer!
NH 69 Baler w/o Thrower
NH 268 Rake w/Jack
IH 27 Baler - Real Nice
IH 420 Baler w/o Thrower
IH 430 Baler w/Thrower- $1,500!
IH 440 Baler - Real Nice!
(2) IH No. Bale Throwers
IH Direct Cut Head For 15 or 16 Chopper
IH 781 Chopper w/2 Row Head - Like New
NI Stalk Shredder, 12'
Vicon 281 Mower Cond, New, Demo - $7,950

PLANTERS:
IH Model 510 16x7 CO SD grain drill like new
(2) IH 56 4-Row Planters - Real Nice Cond
IH 400 4-Row Cyclo Planter
IH 2-Row Fast Hitch
IH 455 4-Row
IH 658 6-Row Narrow Dry Fert
4 & 6 Row Cyclos, Field Ready!
JD 1240 Plateless, Liq Fert., 30" Rows w/DEMCO Squeeze Pump – Nice!
JD Van Brunt 13x7
JD FBB 17x7 DD

You're Invited

Announcing

OPEN HOUSE

MONDAY, FEB. 9, 1987

Lunch Served 11 A.M. to 4 P.M.

FACTORY REPS! **FILMS!**

Week Long Specials Feb. 9 to Feb. 14

10% DISCOUNT ON ALL CASH PARTS SALES

50% DISCOUNT ON ALL BUTLER VENTILATION EQUIP. IN STOCK

★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★ ★

PARTS DEPARTMENT

SAVE ADDITIONAL 10% OFF THESE SPECIALS.

BATTERY CHARGERS
10 AMP 407389R92
List $49 99 **SPECIAL $44 99**
15 AMP 100 AMP Booster 407390R92
List $114 20 **SPECIAL $102.78**
30 AMP 200 AMP Booster 407391R92
List $139 99 **SPECIAL $125 99**
80 AMP 300 Booster 1131855R1
List $274 50 **SPECIAL $246.95**

BOOSTER CABLES
549294C92 16 ft
List $32 16 **SPECIAL $24 00**

250 AMP AC-DC WELDER
1131077R1
List $449 95 **SPECIAL $359 96**

FENCE CHARGERS
113192R1 6 volt
List $52 50 **SPECIAL 36 75**
Solar Fencer #45
List $178 00

FRAMING SQUARE
999134R1
List $24 11 **SPECIAL $12 00**

HAND CLEANER
1131736R1
List $2 48 **SPECIAL $1 75**

CLEANING COMPOUND
407424R1 10 lbs Powder
List $8 49 **SPECIAL $6 36**
407397R1 Grease Solvent
List $12 50 SPECIAL $9 40

UNPADDED SEAT COVER FITS H & M
999662R91
List $8 67 **SPECIAL $5.80**

CADET STORAGE COVERS
407393R1
List $26 08 **SPECIAL $15 75**

CYLINDERS - CASE IH 3000
1282203C1
List $74 01 **SPECIAL $59 90**
1282205C91
List $100 12 **SPECIAL $87 95**

OIL SPOUTS
1131057R1
List $1 10 **SPECIAL $ 69**

SCREW DRIVER SET
999355R1
List $24 11 **SPECIAL $11.50**

TRAYS FOR 86 & 88 SERIES CAB
1132039R1
List $21 95 **SPECIAL $16.75**
1132040R1
List $10 95 **SPECIAL $8.25**

CADET SEAT COVERS
407394R1
List $20 62 **SPECIAL $12.00**

SEATS - FIT CASE/IH TRACTORS
ZSA6175
List $160 53 **SPECIAL $144 50**
ZSA6173
List $370 53 **SPECIAL $333 50**

JOHN BLUE PUMP
Model S 3220G5B
List $736 00 **SPECIAL $662 40**

BLACKHAWK JACKS
ZGF67222
List $26 93 **SPECIAL $24 25**
ZGF67223
List $32 48 **SPECIAL $29 25**
ZGF67231
List $61 61 **SPECIAL $55 45**

CAM SPRAY PRESSURE WASHER
List $629 99 **SPECIAL $549.99**

CASE HALOGEN FLOODLIGHTS
A177347
List $19 06 **SPECIAL $17 15**

EAGLE GAS CANS
Model M5
List $15 49 **SPECIAL $13 95**
Model M2½
List $11 49 **SPECIAL $10 35**
Model M1
List $9 75 **SPECIAL $8 80**

12-VOLT DEMAND PUMP
200 Series Pump up to 2 6 GPM
515903
List $103 00 **SPECIAL $92 70**

Plus Many Other Specials...

LOOK!!! ONE-ONLY SPECIALS...

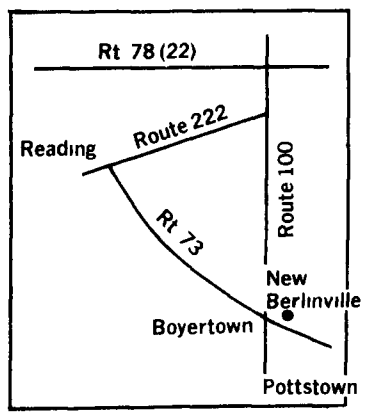
(F.O.B. New Berlinville - No Trade)

Item	SALE
Butler Model 115 Ensilmixer with OMP 4 Pt Scale System, Less Motor Weathered List $9,742	$5,398
Butler 11¼ Single Chain Conveyor Sections 10 Ft, 5 Ft and 2½ Ft, Limited Supply	50% OFF
Butler Ventilation Equipment Hoods Shutters and All Accessories In Stock	50% OFF
Vicon 281 Disk Mower Conditioner List $12,500 (Demo)	$7,950
Century Chemical Inductor Dealer Net $238 20	$195
Ag Tech 8 Ft Box Scraper w/Hinged Back List $850	$650
KH 300 Fahr Tedder List $1,795	$1,495
Simms Roll Bar Cab w/Enclosure For IH 74 Series List $1 075	$550
McCurdy 6x12 Gravity Box Auger Not Installed	$425
Meyers No 518 SF 18 Ft Box 3 Augers	$4,995
Steel High Wheeled Feed Cart	$225
Beafco 42" 3 Pt Hitch, Side Shift Rotary Tiller (In Crate)	$895
Trailblazer Foam Marker Kit List $975	$695
Rhino Model 118 Disk Harrow 15'10" List $11,668	$7,995
Model 1678 Scavenger Spreader 19 5x16 1 10 Ply Tires 2253 Gal Cap List $13,950	$10,500
Farm Bilt 18x8x8 Steel Hay Wagon with Farmco 8 Ton Gear w/11Lx15 8 Ply Tires & Tubes	$1,895
McKee 322H Snow Blower, Front Mount for IH 154 185 or 184 (Weathered) Dealer Net $1 174 20 Now 50% Off	$587
Case IH 600 Blower #U003040	$2,895
Case IH 445 Twine Baler w/No 15 Thrower, Demo Model	$10,795
Case IH 1490, 12 Ft Mower Cond Hydroswing (Demo)	$10,995
Case IH 4623 VS Trailing Field Cult Hyd Folding (Demo, Weathered) with Case IH Mulcher Attachment (Not Installed)	$5,295
Case IH 4630 VS Trailing Field Cult Hyd Folding Not Set Up 50% Off	$5,295
Case IH 496 Disk Harrow 18'7" 60 Disk Set Up Complete w/Hyd Cylinder & Tires, Standard Gang, 7½' Spacing w/Hvy Duty Earth Metal Disks (The Best Finish Disk On The Market!) *Optional Cushion Gang Add $700	$9,395
Case 2294 MFD Cab, Rental Unit Low Hrs	$39,950
Case 1835B Skid Loader Diesel 60' Bucket 35 Hrs Repo Unit 8 8% Financing Avail to Qualified Buyer	$12,800
Case IH 244 Diesel Tractor 2WD, 21 HP Turf Tires	$5,979 98
Case IH 234 Diesel 2WD, 18 HP Turf Tires	$5,165
John Blue L74 Sprayer 500 Gal Poly Tank, 40' Truss Boom, 4900 2 Piston Pump, PTO Cent Agitation 12 5Lx15 Tires, Weathered Demo Unit	$6,295
John Blue 700 Model 300 Gal Poly Tank, 30' Boom w/Shocks 4400 Single Piston Pump PTO Cent Agitation Weathered	$4,995
John Blue Quick Attach Saddle Tanks	Best Offer Over $995
Grasshopper Model 1210 12HP Kohler Engine w/44" Deck (Left Over) List $3,806	$2,950
Cub Cadet 982, 20 HP w/50" Deck Rental Unit, 500 Hrs Looks Like New!	$4,450
Cub Cadet 8 HP Rear Tine Tiller List $1 000 Plus	$795

Special Deals On All Equipment Lines We Carry - Stop In & See Our Salesmen THEY'RE READY TO DEAL!!

See Us For All Your Equipment Needs

- ★ Butler Livestock Systems
- ★ DeLaval
- ★ Roskamp Roller Mills
- ★ Deutsch-Fahr Tedders
- ★ Vicon Spreaders
- ★ Myers Snow Equipment
- ★ Farm Bilt Hay Wagons
- ★ Sprayer Parts headquarters
- ★ John Blue Sprayers
- ★ FMC Bean
- ★ Brouwer Turf Equip
- ★ Grasshopper Mowers
- ★ Myers Forage Wagons
- ★ Hedlund Martin
- ★ Madison Silos
- ★ Ag Chem Sprayers & Parts
- ★ Northwestern Skid Loaders
- ★ Woods Mowers, Blades & Backhoes
- ★ Trailblazer Foam Markers
- ★ Cub Cadet Lawn Equip



ERB & HENRY EQUIP., INC.

One Mile North of Boyertown In
New Berlinville, PA. 19545
Ph: (215) 367-2169
Daily 7-5:30; Sat. 7-3

case IH

We Ship Parts Daily U.P.S.

1 FARM EQUIPMENT

CRAWLER TRACTOR PARTS
New and Used Parts Available for Cat, Allis Chalmers, IHC, Case, John Deere and others. Rubber tired construction equipment parts available for Hough, Michigan, Galion and Cat Road Graders.
Call or write for equipment and parts brochure.
VILSMEIER EQUIPMENT, INC.
Route 309
Montgomeryville, Pa.
18936
Phone: 215-699-3533

USED TRACTOR PARTS, also rebuilt clutches and torques. We ship UPS. Hill-T Farm Sales & Service, 4295 Richmond Palestine Road, New Madison, Ohio 45346. 513-548-0718.

For Sale: NH L555 Uni Loader, like new. JD 35 Harvester w/pickup, $1,200. 717-733-0575.

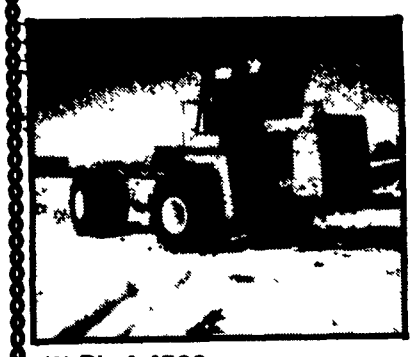
Combines, corn heads, grain heads-inventory moving fast. It's hard to keep up with advertising. Wholesale prices only. Call us. "The Combine Man". 814-635-3689

For Sale: New Acme diesel engines. 50% Off on 6.5 to 16 h.p. electric start and hand crank in stock. Shirks Repair Shop, RD2, Box 102, Ephrata, Pa. 17522. 717-859-2797

For Sale: New Idea Kinze 4 row mounted planter. Planted less 145 acres. Dickey John monitor included, $6,600. 301-334-1269 evenings.

IH TRACTOR SALVAGE PARTS
Savings to 50% & More
BATES CORPORATION
14th AND FIR RD., BOURBON, IN 46504
PARTS DISMANTLED CLEANED & READY FOR SHIPMENT
WE SHIP UPS, TRUCK, BUS
FOR THOSE HARD-TO-FIND & DISCONTINUED ITEMS
Call the Parts Specialists: 219-342-2955

THREE FLOATERS FOR SALE



(1) Big A 4500
Powered By 350HP
Cummins, 12 Ply Tires

(1) Big A 2000 w/Lime Box
(1) Big A 2000 w/SS Sprayer Tank & Hydraulic Booms

717-859-3869

Planters & Tillage Equipment

Tag #
1922 JD 7000 Conservation, 6RN Liq Corn Planter w/Monitor
1917 JD 7000 Conservation, 6RN, Dry Corn Planter w/Monitor
1926 JD 1240, 4RN Corn Planter, Plateless w/Monitor
1853 JD 1240, 4RN Corn Planter w/Insec
1974 JD 1260, 6RN Liq Corn Planter w/Monitor
1848 White 543, 4RN Corn Planter
1997 Oliver 565, 416, 3 pt Semi Mount Plow
1444 IH 416, 3 pt Semi Mount Plow
1897 Glencoe 9 Shank Soil Saver, New Points

Skid Loaders & Manure Spreaders

Tag #
1910 NH 225 w/2 Buckets, nice condition
1417 Hydro Mack 8B, 25HP w/Rebuilt Hydro
1827 Gehl 4500 w/2 Buckets, 1983 Model
1447 NH 512 Spreader w/Top Beater
1446 NI 214-217 Spreader
1451 NI 214-217 Spreader w/Hyd Gate
1885 NI 213-215 Triple Beater Spreader, very good
1843 Hesston 1400 gal Manure Spreader
1456 JD Ground Drive Spreader

Forage & Hay Equipment

Tag #
1851 Gehl CB800 Forage Harvester w/Hay Head, New Knives
1862 Gehl CB1000 Forage Harvester, Tandem Wheel and Hay Head
1830 IH 830 Forage Harvester, 2 Heads, New Knives
1618 Gehl CB600 Forage Harvester REASONABLE
1479 NI 270, 7' Cutditioner
1485 Hesston PT10, 9' Windrower
1478 NH 479, 9' Windrower
1918 NH Model 8 Forage Wagon, 3 Beater & Roof
1505 Gehl 810 Forage Wagon, Box Only -- $450
1889 E Z Forage Box, 3 Beater Roof

NEW SKID LOADERS IN STOCK
Gehl SL3310
Gehl SL3610
Gehl SL4610

Early Order -- Seed Oats & Soybean Seed

DUTCH AUCTION

New Equipment	List	Starting Price 3/10	Daily Reduction	Price Today 2/7
Soil Finisher Glencoe 12'9"	8,379.00	7,482.00	8.00	$5,234.00

Tag #	Used Equipment	Starting Price 3/10	Daily Reduction	Price Today 2/7
1881	Corn Planter White 5400 4RN w/liquid	$1,948 00	$ 2 00	$1,386 00
1602	Combine IH 403 w/3RN head & cab	7,890 00	10 00	5,080

UMBERGER'S OF FONTANA, INC.
Rt. 4, Box 545, Lebanon, PA 17042
8 miles E. of Hershey on Rt. 322 - 717-867-5161
"Serving The Agriculture Community Since 1932"

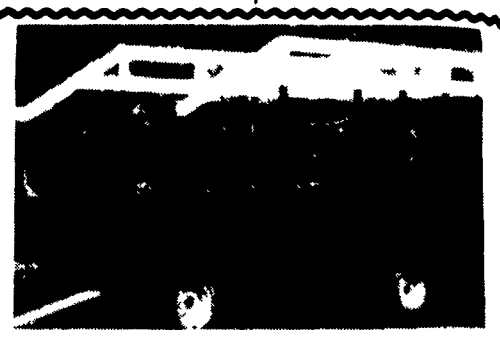
M & R EQUIPMENT, INC.
New Park,
Stewartstown, PA
PH. 1-993-2511
1-246-1972
Southern York Co.

PRE-SEASON DISCOUNT DAYS
Feb. 9 thru 20
Up to 32% Off On Most Plow Parts.
15% Savings on Oil, Filters, Batteries, Hydraulic Cylinders
Luncheon on Feb. 18

NEW CASE-IH
2096 Tractor w/radials
585 Row Crop w/15.5x38 tries
800 Planter, air, 6R
475 Disc, 13'10" w/spring cushion hangars
720 Plow, 5x20", auto. reset

USED EQUIPMENT
IH 1440 Combine, late model, low hours
IH 2350 Mount-A-Matic w/2 Buckets, $3700
IH 303 Combine w/Both Heads
JD 336 Baler
NH 354 Grinder Mixer
IH 1150 Grinder Mixer
Kubota 6200 E w/60" Belly Mower

NEW NEW HOLLAND
L250 Skid Loader
855 Round Baler
411 Discbine
520 Spreader
680 Spreader
311 Baler



FEBRUARY SPECIAL
All Oak Bale Wagon Racks
18'L - 9½'W - 7½' H painted
8 ton 86" wide track gear
Adj. tong 11-L tires and tubes
Complete field ready..... $1,255
18'L - 8'W - 7½' H Painted..... $535
without Paint..... $495
16'L - 8'W - 7' H Painted..... $435
without Paint..... $400
16' Oak Wagon Bed, Painted..... $170
20' Green Chop Feeding Rack..... $460
8 Ton Gear, Used Tires/Tubes..... $475

Ivan Z. Hoover
Route 2, Box 13
Ephrata, PA 17522
717-733-6825 7 AM to 7 PM
(For Wagon Gears Only Call 717-354-0595)

CHAMBERSBURG FARM SERVICE, INC..
975 S. Main St. Chambersburg, PA
(717) 264-3533
case IH · Badger · FOX · RHINO by Athens · NEW IDEA · OMC

USED EQUIPMENT

TRACTORS

IH 3288 w/Cab & Air
IH 1466 w/Cab & Duals
IH 1066 w/Cab
IH 1256 Dsl.
IH 986 w/Cab & Air
IH 806 Gas, needs work
IH 784
IH 706
IH 560 G
IH 460 Utility Gas
IH 674 D
IH 656 D
IH 560 D
IH 240 F
IH 544 U
IH 350 U
IH B414 D
IH H
IH BN
IH M
MF 1105
MF 2675
(2) MF 1080
MF 65 Dsl. w/Loader
JD 4620 Case 1070
JD B Oliver 770 D
(2) Cub
Ford 901 w/2R Picker
Farmall A
Case 930 D
Case 730 Dsl., 3 pt
Farmall Super M
Case Vac
Kubota 5950 DT, FWD, Loader, 415 hrs/. like new

CORN PLANTERS
IH 800, 4R
IH 295
IH 800, 6R
IH 449
IH 400, 6RN No-till, Liq.
IH 400, 6RW, No-till, Dry
IH 400, 4RN w/ No-till, Dry
JD 7000, 6RN No-till
JD 1440, 4RW No-till
JD 494A
AC 600, 4RN No-till
White 5400, 4R
White 543, 4RN No-till
White 543, 4R Plate
IH 56

BALERS
NH 276 w/Thrower
IH 430
IH 445 w/Thrower
IH 440
IH 37
JD 24T
IH 47
NI Bar Rake
Hesston 10 Stacker
MF #12 w/Thrower

CORN PICKERS
NI 323, 1R
NI 300, 2R
NI #10, 1R
NI 314, Sheller Attachment

LOADERS
IH 2050A
KW for IH 284
Loader for MF 35 Tractor

GRAIN DRILLS
IH 13x7, Steel Whls.
Tye 80 No-till
JD FB 13x7
Oliver 13x7
JD 15x7
MF 18x7

COMBINES
IH 1460
IH 82 Pull
IH 1440
IH 303
IH 863, 6RN
IH 203
IH 844, 4RW
Case 600
IH 810-13
IH 1460
IH 820-16
IH 963, 6RN
IH 227, 2RN C H
IH 715
MF 4RN & 4RW Corn Heads
JD 55 w/Cab, Sq Back
JD 45 w/Cab, 10' Platform, 2R Corn Head
JD 334, 3RN Corn Head
JD 12' Platforms

PLOWS
IH 710 Plow
IH 700, 5x16
IH 450 Plow
IH 311 3x14
IH 55 Chisel Plow
IH 55, 10' Pull Chisel Plow
JD 345, 4x16
IH 550, 5x16
Ford 4x16
Brady 9' Chisel
MF 3 pt. Chisel Plow
MF 880 5x16 Auto.
White 508 Plow, 4x16
BH 3 pt. 52" Tiller
IH 710, 3x16

SPRAYERS
Walsh 200 gal.
Walsh 500 gal.
Walsh 300 gal.
KUKer 300 gal.
Walsh 165 gal. 3 pt.

MOWERS
IH 222
IH 100
NH 450
Woods 48" for MF 205
Bush Hog 60' 3 pt.

SKID LOADERS
Case 1845 B w/600 hrs
Case 1830, very nice
Case 1816 B
OMC 345
IH 4150
OMC 440
OMC 1700
Case 1740 D
IH 4130, 850 hrs.

BLOWERS
IH 56
Gehl 99
Dion #14
Badger 54
Dion 60
Badger 98
NH 30
Sprme 56

HARVESTERS
IH 830
IH 720 Fg.
IH 555
Gehl 300 w/2RN
Papec 180
Fox 1000
Fox 2000
JD 34 Fg w/1R C H.
JD 2RW C H.
JD 3300 Fg w/2R C H
Fox 3000
2RW Corn Head
Fox 546
2RN Corn Head
Fox FA
Cutter Bar

GRINDER MIXERS
OMC 117
IH 1150
IH 1050

WINDROWERS
IH 1190
OMC 229
IH 990
Gehl 108
IH 225
Gehl 440
NI 290
AC 904
NH 1469 SP
NI 272, 7' Cutditioner
NI 270 Cutditioner
Hesston 1214 Swing Tongue

NI UNI EQUIP
NI 838 Husking Bed
NI 841 Feeding House
702 D, ex
735, 3RN
760 Fg. Harv
702 D
761 Hay PU
729 A Shel
767 Har
727 Husk.
713 S Platform
766 PU
717 Combine
720, 2RW
710 Com
730, 4RW
844, 4RW
725, 3RN
NI 768, 3RW/N Corn Head

WAGONS
Gehl 920, 16'
Gehl 610, 14'
Grove 16'
Couhoun 620, 16'
IH 110
Turnco Gravity Box
Bale Wagons
JD 122
Kill Bros. Gravity Box w/Zimmerman 6T Running Gear
(2) Bale w/Hoist

MISCELLANEOUS
NI 109, 3 pt. Fert Spreader
Little Giant 34' Elevator
Little Giant Rollaway Elevator
NI 36' Elevator
IH 18' Elevator w/Cross Conveyor
Mayrath 6" Transport Auger
Pequea Hay Tedder
Woods 5' Dixie Cutter
Lely Flail Spreader

Melrose OPEN HOUSE
February 2-6
10% Cash Discount on Parts

MANURE SPREADERS
NI 212
NH 518
NI 213
IH 550
NI 214
Star 930
NI 218
NI 224
IH 540, like new
NI 245 w/Toy Beater & End Gate
Better Bilt 2600 Gal. Liq. Manure Tank
IH 725, 1400 Vac. Tank
Farmhand Flail
MF Manure Spreader
NH 676
NH 676 S
NH 790
Hawk Bilt 207
HB 257
HB 357

HARROWS
IH 475, 12' & 13' 10"
IH 401, 12'
IH 370 12' Disk
BH 10'
IH 47, 13'
JD 12' BWF
JD KBA 8'
IH 37, 8'
IH 9A 9'
Niemeyer 3 pt. 8' Power Harrow
9' Packer
Brillion 12' Field Cultivator
Miller 11" Offset Disc

FLAIL CHOPPERS
IH 5
Brady 722
IH #8

COMING IN
JD 6RN Corn Planter w/Liq.
Cagle 750 gal Sprayer w/Foam Markers
NH 258, 9½' Bar Rake, nice
IH 2000 Loader
IH 1150 Grinder Mixer
JD LA Tractor w/Cult

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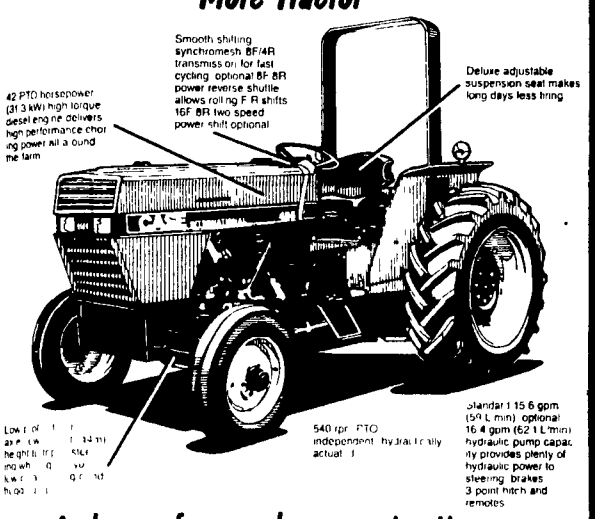
Any Way You Look At It...You See More Tractor


Smooth shifting synchromesh 8F/4R transmission for fast cycling optional 8F-8R power reverse shuttle allows rolling F-R shifts 16F-8R two speed power shift optional
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42 PTO horsepower (31.3 kW) high torque diesel engine delivers high performance chor ing power all a ound me farm
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standar 1 15 6 gpm (59 L min) optional 16 4 gpm (62 1 L min) hydraulic pump capac ity provides plenty of hydraulic power to steering brakes 3 point hitch and remotes

Ask us for a demonstration

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Feb. 18, 19, 20, 21

Look For Full Details In Sec. C Of Next Week's Paper

Featuring The Following...

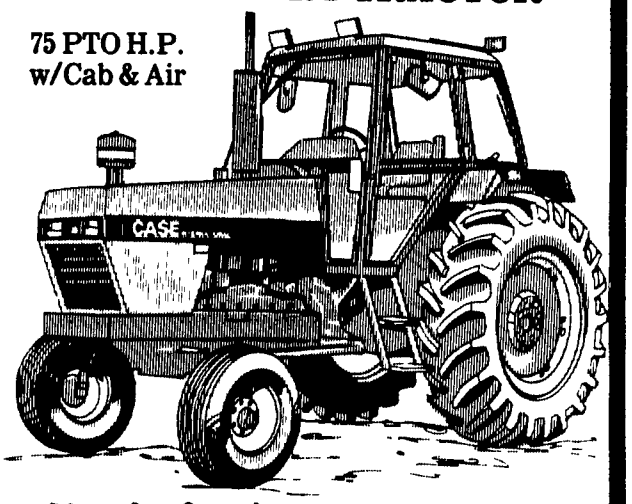
Wed., Feb. 18th, 12 Noon-
John Collins, Indianapolis, Indiana - Discussing Nuts & Bolts - Believe It! 89¢/lb.

Thurs., Feb. 19th, 11:00 A.M.
Our First—1987 Ag Review

Fri., Feb. 20th, 12 Noon-
Bill Shull, General Battery, Toledo, Ohio - Excellent Speaker
Don't Miss It!

You've Never Seen So Much In A Tractor Until You've Seen The CASE IH 1494 TRACTOR

75 PTO H.P.
w/Cab & Air



Also In Stock:
Case IH 1594 4WD
w/Cab & Air

GOOD CLEAN USED EQUIPMENT

HAY & FORAGE
- IH 555 Forage Harvester w/Cornhead & Pickup
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- IH 56 Blower
- NH 320 Baler w/70 Thrower
- NH 258 Rake w/Dolly Wheels, Used 1 Season
- NH 880 w/Pickup Attachment
- IH #40 Shredder 4 Row
- NH 2 Row Snapper 30 Rows
- IH 37 Baler
- NH 269 Baler w/Thrower
- New Idea Wheel Rake
- IH 225 SP Mower Conditioner
- Gehl 99 Twin Blower Excellent Condition
- NH 489 Haybine
- Woods Model 208 Rotary Cutter
- NH 67 Baler w/Chute Nice
- MF Model 1560 Round Baler
- NH 24' Elevator
- Little Giant Elevator Like New

PLANTING & SEEDING
- IH 400 Planter, 6 Row, w/Dry Fert
- AC Grain Drill

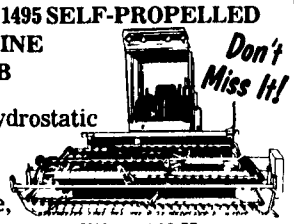
MISC.
- Cab Year-A Round Fits 56 Series Tractors $795
- 500 Gal PK Sprayer Trailing Model

TILLAGE
- 9 Tooth Glencoe Soil Saver
- JD KBA 10 Ft Transport Disk Harrow
- IH 370 Disk, 12 Ft
- IH 700 Plow, 4 Bottom 16" Semi-Mt
- Case 8 Ft Disc Harrow
- IH 710 5 Bottom Auto Reset Plow
- 12' Pittsburgh Disk Harrow

SPREADERS & GRINDER MIXERS
- NH 791 Hydraulic Headgate
- Tandem Axle Starline Tank Spreader, Excellent
- NH 519 w/Hyd Endgate
- NI 10 Ton Tandem Axle, Hyd Gate Top Beater, Ex Cond
- NH 790 Spreader w/Hyd Endgate & Splash Guard 10 Ton Real Nice
- NH 352 Grinder Mixer

NH 1495 SELF-PROPELLED HAYBINE W/CAB

Don't Miss It!



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- NH L775 Skid Loader w/66" Bucket & Backhoe
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- Case 1830 Skid Loader, Good Condition Hydrostatic Drive

TRACTORS
- IH 184 Cub Lo-Boy w/Mower
- Farmall H w/Loader
- Farmall 350 Fast Hitch
- Farmall 300
- Case IH 684D 4WD, 162 Hrs.
- IH 464 Gas, 960 Hrs., Like New
- IH 966 w/Cab, Ex. Condition
- Cockshutt Tractor, Model 30, Nice
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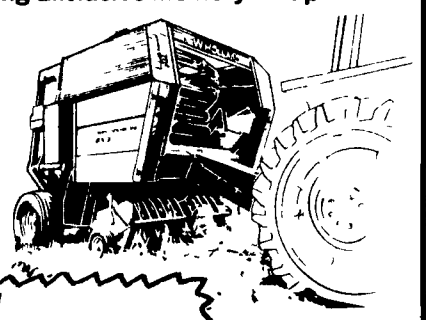

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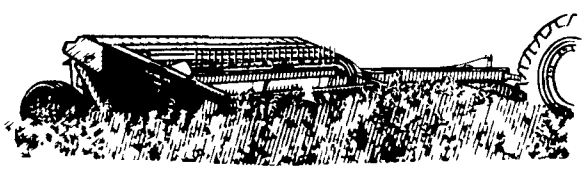

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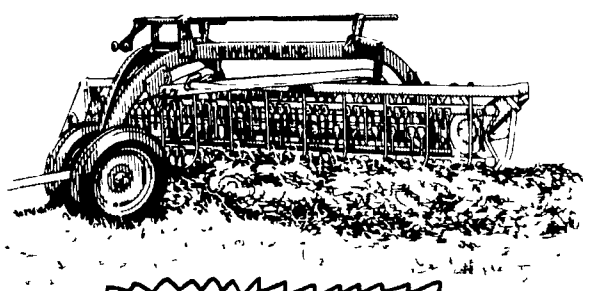
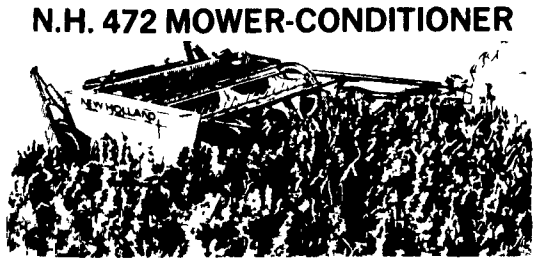


CASH REBATE...$225

N.H. 472 MOWER-CONDITIONER



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NH MODEL 304

The side-delivery manure spreader that does it all

The new Model 304 side-delivery slurry or pen manure spreader-clean hauling and fast, efficient unloading. And the "304" is built for years of reliable service

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- NH 326 Baler w/70 Thrower, Hydroformatic Bale Tension
- NH 276 Baler & Thrower
- NH 791 Spreader w/Hyd. Endgate
- NH 258 Rake w/Dolly Wheels
- NH 489 Haybine
- N.I. Spreader, 10 Ton, Tandem Axle, Hydraulic Endgate, Top Beater
- N.H. L775 Skid Steer Loaders (One Gas, One Diesel)
- NH 1495 S.P. Haybine, Cab & Air, 12 Ft. Head, $18,500

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Case 1494 w/480 Hrs. "Special Price"

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Case 995 Tractor & Loader
Case 580 TLB
case 580 D TLB
Ford 3400 TLB
JD LA Antique Special
705 Power Unit Diesel, Uni-System
Case 580E Backhoe, Low hrs., excellent condition
Case 1845 Uni Loader
OMC 540 Stacker
OMC 540 N Mover
NI #324 Corn Picker w/Super Sheller
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Plus NI 702 Uni-Tractors, corn pickers & spreaders in stock at Good Prices.

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Special $5100 Jan. & Feb. Only

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- New Farmco 16 Ft. Hay Feeder..... $615
- 1150 Int. Grinder Mixer $1,400

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- 135 Massey, Excellent $3,950
- AC D19 Gas w/Pulley..... $2,600
- 930 Case w/Pulley & Steel Wheels $4,850
- Farmall Cub w/Mower $2,000
- AC XT 190 ..... $4,900

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COMBINES
JD 1975, 7700 w/215 Flex Head
JD 6620 w/643 Corn Head & 216 Flex Platform
JD 7700 Hydro, Rotary Screen, 15 ft. Platform, 1971
JD 7720, 1400 hrs.
JD 15' Rigid Platform
JD 643 CH 6 R Narrow Old Style
JD 216 Flex Head

TRACTORS
JD 950 w/Loader
IH Farmall H w/Loader
Deutz DX110, Cab, Air, Shar SOLD
Ford 8N SOLD

TILLAGE
IH 18½' Field Cultivator

PLANTING EQUIP.
AC 330 4 R Planter
JD 1240 4 R Plate Planter
JD 1440 4 R No-Till Planter
JD 7000, 4 SOLD
JD 7000, 8RN No-Till Liq. Fert.

MISC.
JD 6½ Ft. Rear Blade
JD 346 Wire Tie Baler
IH 435 Baler
NH 488 Mower Conditioner
Woods 214 Mower

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Used AC 5050 w/Loader Excellent Condition, 675 Hours. Call For Super Price

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Deutz 8006 Used Tractor, Ex. Cond.
MF 230 1400 Hours, Excellent Condition
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NH Model 90 Bale Handler
AC 4 bottom SC plow
IH 400 Cyclo 4 Row Planter w/No-Tills Yetter
IH 400 Cyclo 6 Row Planter
Cagle 750 Gal. Tandem Axle Field Sprayer, Monitor and Fully Equipped
LKS Combine w/Grain And 630 Corn Head
MF 205 Combine w/240 Corn Head
Swartz Feed Mix Wagon

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QUALITY LATE MODEL FARM EQUIPMENT

TRACTORS
1980 JD 4440 Dsl., Cab, Air, Quad, 20x38 Rubber, 2100 Hrs., very nice
1977 JD 4230 Cab & Air, Quad Shift, very nice
JD 4240 Dsl., Cab, Air, 1900 hrs., nice
1977 JD 4430 Dsl., Cab & Air, QR
JD 4230 Dsl., Cab, Air, Quad, 1500 hrs.
1968 JD 4020 Dsl., P. Shift, Dual Hydraulic, w/Cab
JD 3020 Gas, Side Console, low hrs., very nice
JD 2940 D, very g SOLD
JD 2440 Dsl., Inc. PTO, very good condition
JD 2510 Gas 1600 original hrs.
JD 2030 Hi/Low Ind. PTO, 15.5x38 rubber
JD 1520 Gas, WF SOLD t.
JD 630, WF & Fenders, original 3200 hrs.
JD 3010 D., Row Crop, Good Condition
1980 IH 986 D SOLD Cab & Air, Red Seat, very nice
IH 1466 Dsl. w/Cab, Dual PTO and Hydraulic, extra clean
IH 1066 Dsl., Red Cab & Air, New TA
IH 966 Dsl. Fender Tractor, 1400 hrs., 18x38 Rubber, excellent
IH 766 Dsl. w/YR Cab, very nice
IH 666 Dsl , WF w/3 pt.
IH 856 Dsl. w/C SOLD tra nice
MF 1155 Dsl., Cab & Air
MF 1135 Dsl., Cab & Air
ord 2110 Gas w/Blade and Flail Mower, 377 hrs.
ord 5000 Dsl., 8SP, 2100 rs.
185 Dsl., like new
bota B6000 Dsl., 4 WD w/loader and 3 pt. rotary mower

CORN HEADS
JD 244, 2RW
JD 343, 3RN Corn Head
JD 443, 4RN
JD 443, 4RN LP
JD 444, 4RW
JD 643, 6R 30
AC 438, 4RW
AC 430, 4RN
AC Black 430
IH 943, 4RN
IH 843, 4RN
IH 844, 4RW
IH 863 Corn Head, 6RN
MF 43, 4RN
MF 1163, 6RN

CORN PICKERS
NI 325, 2RN w/Super Sheller
NI 325, 2RN w/12 Roll Bed, like new
NI 324, 2RW 8 Roll Husking Bed
NI 323, 1R

CORN PLANTERS
JD 7000, 4RW, Dry Fert., Insect., No-till Coulters, Cast Press Wheels
JD 7000, 4RN, Dry Fert., Monitor, Insect.
JD 7000, 4RN, Dry Fert.
IH 400, 6RN Dry Fert., Insect., Monitor, very nice

LOADERS
Ford 335 Dsl. Loader Tractor, 360 hrs., 3 pt & PTO, like new
Gehl 2600 Skid Loader, 1100 hrs.

WINTER SPECIALS
JD 4430 Dsl., P. Shift, 4 Post Roll Guard, $8,950
JD 2630 Ind. PTO . . . $6,850
JD 520 w/3 pt., Power Steering $1,650

NEW ARRIVALS
JD 3940 Harvester, Elec. Controls, Choice of Heads
JD 327 Baler w/Wagon Hitch and Chute, very nice
JD 337 Baler w/Wagon Hitch and Chute, like new
NH 1034 Bale Wagon, Single Bale Unload, 105 bale capacity, very nice
NH 352 Grinder Mixer, very good
JD 3020 Gas, WF, Side Console, excellent

COMBINES
1980 IH 1460 Cab, Hydro, 28Lx26 Tires, very nice, Choice of Heads
1980 MF 750 Dsl., Cab & Air, hydro, 1400 hrs., very nice
1980 Gleaner F2 Dsl., Cab & Air, 900 hrs., 23" Rubber, Choice of Heads
1981 IH 1440 Dsl. Cab, Air, Hydro, excellent
1979 JD 4400 Dsl Cab, Air, 900 Hrs., excellent
1980 Gleaner F2 Dsl. Cab, Air, Grain Saver, 450 hrs., 13' Grain Table, excellent
MF 550 Dsl., Cab, Air, Hydro, 1300 hrs., 23" Rubber, Choice of Heads
1973 JD 4400 Dsl. Combine, Cab & Air, 13' Grain Table
MF 300 Combine 2R Corn Head & 12' Grain Table, 1 Owner, very nice $3,650
IH 82, 7' Pull Type
Corn & Soybean Chopper to fit JD 3300-4400
JD 215 & 213 Rigid Grain Platforms
MF 13' Grain Platform
IH 820 13' Flex Head
Gleaner 15' Flex head to fit F & F2 Combines

Good Selection of Grain Tables
Financing Available on Above Machines

MISCELLANEOUS EQUIPMENT
Gehl 95 Grinder Mixer, excellent condition
JD 8200 Grain Drill, new w/Grass Seed 18 Single Disk Openers
JD 5½' Hay Pickup, like new
JD 148 Loader for 3010 & 4240 Tractors
JD 148 Loader w/2940 Mounting Single Lever Control
18x38-18x34-20x38 Duals
Cabs to fit IH 706 thru 1466 Tractors
Cabs to fit JD 3010-4320 Tractors
NH 676, 275 bushel Tandem Axle Manure Spreader, 2 Beaters, very nice
NH 328 PTO 135 Bushel Manure Spreader
JD Roll Guard, Fits 1020 to 2640 Tractor
JD FBC Grain Drill, 17x7 Double Disk, Grass Seed & Fert.
JD 214 Self-unloading Forage Wagon, very good
IH Roll Guard w/Canopy
JD RG & RM 4&6R Cultivator

TRADE IN SPECIAL
IH 720, 6B Spring Reset Plow, On Land Hitch, $3,850

HAY EQUIPMENT
JD 1209 Mower Conditioner, Late Model
JD 346T Baler w/30 Ejector
JD 327 Baler w/#30 Ejector
JD 24T Baler w/Thrower, good condition
JD 410 Round Baler, very nice
NH 38 Flail Chopper, excellent condition
NH 852 Round Baler, Auto Wrap, excellent
NH 850 Round Baler
JD 640 Hay Rake
NH 56 Hay Rake
NH 1002 Bale Wagon
NH 1012 Bale Wagon, Single Bale Unload
JD 3800 H SOLD ester w/2R Head, ver good
NH 770 Wide Open End PU Head
NH 770 Harvester, Elec. Controls, 2R Head

TILLAGE
JD 1600, 3 Base Spring reset Plow, like new
JD 1100 Field Cutlivator, Hydraulic Fold, 20'
Brady 17' 3 pt. Hydraulic Fold Field Cultivator w/Rake
JD 1710A 11 Tooth Conser-till
IH 9 Tooth High Clearance 3 pt. Chisel Plow
IH 700, 4x18 Spring Reset Plow
IH 720, 4x18 Spring Reset Plow
IH 720, 5 Base Spring Reset
IH 710, 6x18 Spring Reset On Land Plow
IH 710, 4 & 5 Base Spring Reset 16 & 18"
JD 4 & 5 Base Semi Mounted
JD 3 Base 3 pt.
JD BWA 12'
JD 12' BWF Disk, Rock Flex
JD 230 Hydraulic Wing Fold Disk, 20' very nice
JD 310 Disk, 12' & 14'
JD BWF 13' Rock Flex Disk

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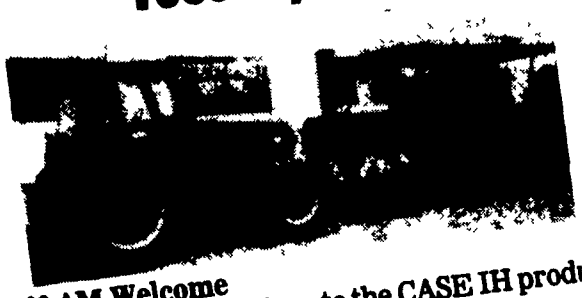
CUSTOMER APPRECIATION DAY AND OPEN HOUSE

Tuesday, February 17, 1987



See The Old Steam Engine And The New Case IH Tractors On Display

10:00 AM Welcome
* New additions to the CASE IH product lines - Planters, Loaders, Balers, Tractors, etc.
- Dennis Hann, Product Specialist

10:30 AM * The State of the Ag Equipment Industry
An overview of the past, a preview of the future.
- John Anderson, Sales Development Specialist, J.I. Case Co.

11:15 AM * It's the law!
A PA state trooper answers questions regarding state laws affecting agricultural operations.
- Trooper James Schlemmer, Ephrata Barracks

11:30 AM * Impact of the new tax structure on YOU!
- Jack L. Hess, CPA of Lancaster, PA

12:00 - Lunch - Catered by Triple G Dairy, Denver, PA
Visit equipment displays -
(Including a 1927 CASE Steam Engine)

1:15 PM * The Myths of Agriculture - Farm Bureau Film

1:35 PM * All you ever wanted to know about oils & lubricants but were afraid to ask!
- Karl Cline, V. Pres. of Marketing, Viscosity Oil Co.

2:30 PM * Adjourn - Visit equipment displays

7:30 PM Welcome
* Film - The Myths of Agriculture

7:50 PM * It's the law!
- Trooper James Schlemmer

8:10 PM * GEHL Spreader Presentation
- Don Powell

8:25 PM * Farm Safety
- John Anderson

9:00 PM * Adjourn - Visit equipment displays

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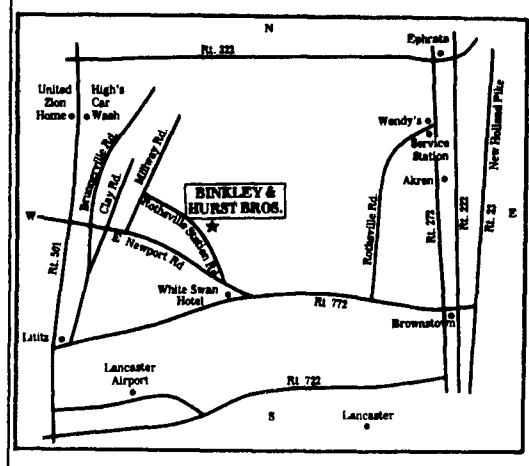

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Tuesday, February 17, 1987

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MASSEY-FERGUSON
Where farmers' ideas take root.

Ford 8N
MF 35 Gas
MF Super 90 Dsl w/Loader
MF 85 Gas
MH Pony Tractor
JD 90 Skid Loader
MF 40 Offset Disc, 14'
White 283 Transport Harrow
Ford 501 3 pt. Mower
NH 469 Haybine
NH 320 Baler w/Thrower
IH 1190 Mower Conditioner
NH S23 Blower
NH 25 Blower
Gehl Blower
Fox Blower
IH Grain Drill
Herd Fert. Spreader
NH 516 Manure Spreader
Farmhand 257 Tank Spreader
NH 352 Grinder Mixer

NEW HOLLAND

SCHREFFLER EQUIPMENT
Pitman, PA
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717-648-1811

USED TRACTORS

Ford 1100, 4 WD, 250 Hours, $3,500
JD 7020; JD 4430; JD 8630
JD 4010; JD 3010
IH 1586, $12,500, cab, duals
IH 4586, $11,500, 4 WD, duals
IH 4786, $22,500, 4 WD, duals

COMBINES

JD 8820, 4 WD, 1981, $55,000, 222 flex
JD 8820, 4 WD, 1980, $47,000, 220 flex
JD 8820, 4 WD, 1979, $40,000, 222 flex
JD 7720, 4 WD, 1983, $55,000, 220 flex
AC G, diesel, both heads, 1971, $5,500
MF 750 1976, hydro, 18', $10,000
MF 750 1976, hydro, $6,000
$2,500

IMPLEMENTS

New Holland 520 spreader, loaded, used 2 days, $4,900
IH 5 shank V-ripper, gauge wheels, $1,700
Miland 10'6" offset disk, like new, $3,900
2 JD 1450, 6-16" plows, $2,500 each
JD 245, 7-16" on land, $2,500
A-C 8-16" plow on land, $2,500
IH 490, 30' disk, good, $7,500

JONES IMPLEMENT CO.
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Mid-size power with big-size performance

Case International 885 Tractor

A Case International 885 tractor is a good choice for two reasons It's the perfect No 1 tractor on smaller operations, and ideal back-up power on larger acreages

With 72 PTO hp*, the 885 more than pulls its weight You'll like the exceptionally quick response and high torque rise of its clean-burning diesel engine That extra torque translates into greater tire bite and more workpower So whether you have a small or large operation, the 885 gives you what you need

- 16-speed synchromesh transmission
- Independent 540/1000 RPM PTO
- Category II 3-point hitch
- Power steering, differential lock, planetary final drives
- Hydraulic disc brakes plus complete lighting and instrumentation

See the model that fills your needs — row-crop, utility, low-profile or Mechanical Front Drive (MFD)

Stop in for additional details.

case IH

*Manufacturer's rating

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Ivyland (Bucks Co.) PA

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Specials On Tractors And Equipment

SEE US FOR YOUR LATE MODEL CONSTRUCTION EQUIPMENT NEEDS - THE PRICES ARE RIGHT!

- Case 450 Crawler Loader, 1980, w/4-in-1 Bucket
- Case 855C Crawler Loader, 1984, w/4-in-1 Bucket
- John Deere 310 Tractor Loader Backhoe, 1985, w/Open ROPS
- Case 580 E Tractor Loader Backhoe w/Cab, Mech. Front Wheel Drive, 1984
- Case 1835 Skid Loader, Diesel
- Case 1690 Farm Tractor w/Power Shift, Low Hrs.
- Pettybone "Super 6" Forklift, All Wheel Drive
- (2) Ford F800 Diesel Box Dump Trucks, Single Axle
- Save $3,000 Case 586D Diesel Forklift w/21' Mast, 6,000 Lb. Capacity, Approx. 500 Hrs., Side Shifter, Like New, Was $24,800 **SPECIAL... You Haul Away For Only..... $21,800**
- 1980 Case Model 850B Crawler Loader, ROPS, Brush Sweeps w/G.P. Bucket w/Teeth, Good Paint, Good Pads, Good UC, Pins & Bushings - 50%, SN 7079648, Tag No. UT1193 ..... **Make Offer**
- Case W11 Articulated Payloader w/Rops, Approx. 50 HP, 2402 Hrs. ..... **Only $14,800**
- Case 855C Crawler Loader w/4 In 1 Bucket, Low Hrs. **$34,800**
- Case 450B Crawler w/4 in 1 Bucket, 1980 Model
- Case 580E, Rops, Canopy, Tractor Loader Backhoe, 2 Wheel Drive, Low Hrs.
- IH 260A Loader Backhoe Tractor
- John Deere 455D Crawler Loader w/Low, Low Hrs.
- 1984 1845 B Diesel Uniloader..... **Priced Right!**
- Case 30" Trenching Bucket
- Case 450 Crawler 6 Way Dozer Tractor

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Lititz, PA 17543
Located ½ Mile North of Rothsville
(717) 626-4705
Hours Mon.-Fri. 7 AM - 5 PM,
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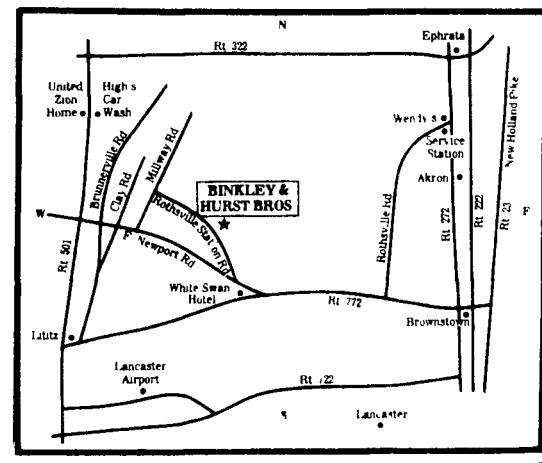
For Daily Parts Delivery Connections And Emergency Service On INTERNATIONAL HARVESTER and J.I. CASE



Quality Products, Good Service And Fair Prices Are Year-Round At Binkley & Hurst Bros., Inc.

WE REPRESENT THE FOLLOWING LINES:

- Case IH Co.
- J.S. Woodhouse
- Better-Bilt
- Bush Hog
- Gehl Company
- Todd Farm Equipment
- Cummings & Bricker, Inc.
- General Eager Beaver
- Hamilton Equipment
- Unverferth McCurdy
- Ryder Supply Co.
- Husky Farm Equip.

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case IH • Tractors • Combines • Uniloaders • Farm Loaders *Full Tillage Line*		ZIMMERMAN RUNNING GEARS & ELEVATORS	Unverferth McCurdy GRAVITY BINS TRUCK AND GRAVITY BIN HYDRAULIC AUGERS HIGH PERFORMANCE SHORT TURN RUNNING GEAR
GEHL FORAGE BOXES, MIX ALLS FORAGE HARVESTERS FORAGE BLOWERS, SKID LOADERS ETC	KNIGHT MIXER WAGONS AND MANURE SPREADERS	"BETTER-BILT" PARTS & SERVICE	FARM TIRES WAGON, TRACTOR TRUCK.. ANY TYPE YOU MAY NEED
Plus HEDLUND MARTIN TYPE SPREADER LINE Owned By Gehl	BUSH HOG ROTARY CUTTERS	BEHLEN CORN CRIBS	BUCKETS & FORKS MADE TO ORDER FOR ANY SKID LOADER OR YOUR TRACTOR LOADER
AMCO DISC HARROWS	TRANSPORT GRAIN AND FERTILIZER AUGERS	General Eager Beaver TAG-ALONG TRAILERS	HUSKY MANURE HANDLING EQUIPMENT
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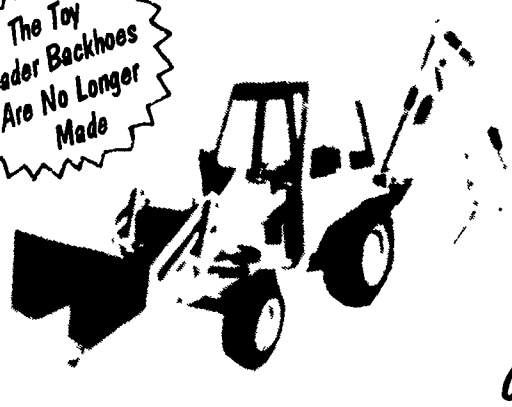
Winter Have You In A Deep Freeze?
WARM UP WITH BINKLEY & HURST BROS., INC. DISCOUNT PRICES!

The Toy Loader Backhoes Are No Longer Made



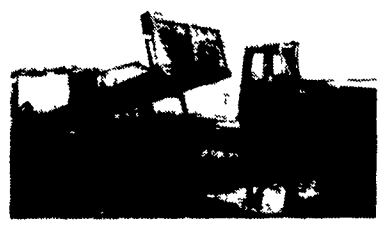
SPECIAL NOTICE TO ALL TOY COLLECTORS

We Have Recently Acquired Case 580 B Toy Ladder Backhoe Tractors w/Cabs

SPECIAL $110

Come & Get Yours While They Last

USED FORD LOUISVILLE ROLL BACK TRUCK



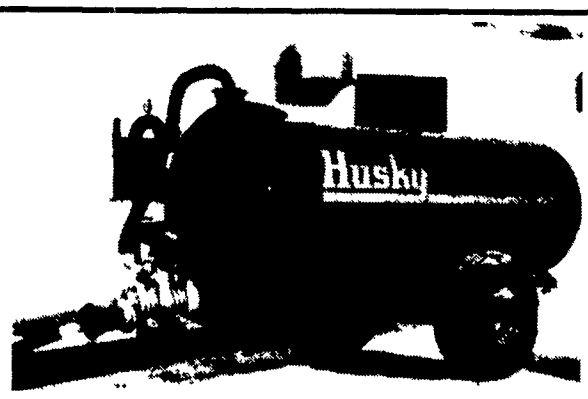
1976 Model with Ford 477 Gas Power with Spicer 5x4 Trans., Tandem Axle, With Winch and Outriggers, Was Used To Haul Hay & Machinery, GVW 48,000, Tires Fair to Poor UT 1253

As Is Only **$8,900**

NOTICE

ALL BRAND NEW HUSKY 1500 GAL. VACUUM SPREADER

Features 5 Year Unconditional Axle Warranty



- 6 MM Tank w/Dished Ends
- New Tanker Lined Inside Against Rust w/Special Coating
- Fully Baffled
- Access Hatch
- Level Sight Gauge
- 6" Fill Port w/Brass Valve
- 6" Vac. Hose
- Secondary Moisture Trap
- Positive Float Shut-off
- Vacuum Pump Supplied w/High Heat Vanes
- Hydraulic Operated 6" Brass Valve For Rear Discharge
- Adjustable Spread Pattern

SPECIAL
$5,575

NEW QUICK-ATTACH PALLET FORKS

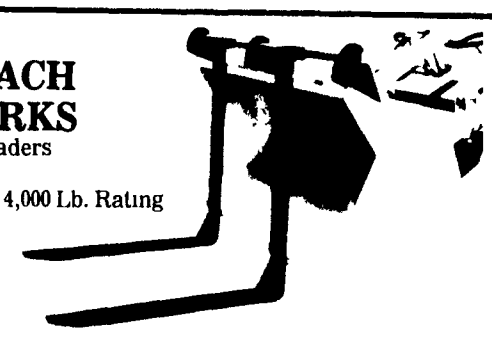
For Your Bucket Loaders

ONE SET IN STOCK

ONLY **$585.00**

Call Us For Your Needs

4,000 Lb. Rating



Just Arrived...
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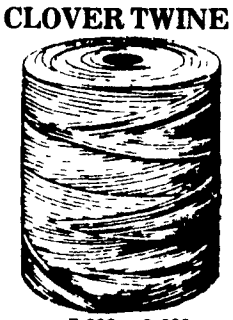
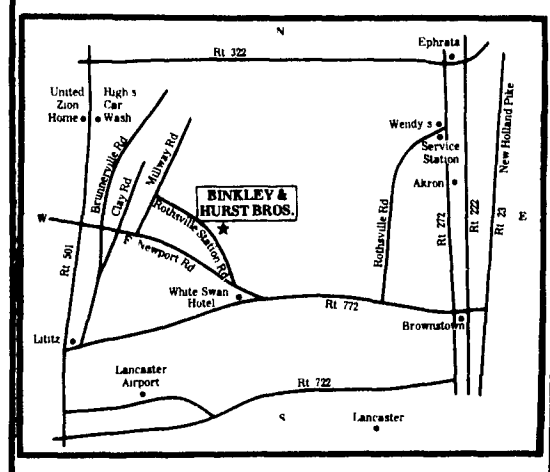


• 7,200 • 9,000 • 10,000

Order Now At Our Special Trailerload Prices



WARM UP TO OUR GOOD MACHINERY SPECIALS

- Used 9 Shank Glencoe Soil Saver...Reg. ~~$2,895~~ **$2,695**
- Never Used Dual Tractor Mount Front End Loader w/Bracket To Fit Ford 8000 Series Tractors. No Hoses Or Valves, But All Cylinders And 84" Bucket Included, ~~$1,795~~ **$1,380**
- Save $700 On A MF Model 820 Wing Disk w/Spring Bearing Hangers, Approx. 21-22 Ft. Hyd. Wing Fold, Transport Disk w/9" Spacing On Front Gangs & 7½" Spacing On Rear Gangs. Blade Dia. Varies From 20" To 22", Gangs Are Spring Bearing Rock Flex Mounted...Reg. ~~$4,950~~ **$4,250**
- (1) New Dunham 12 Ft. Cultipackers w/34-17" Rollers, Approx. Wt. 1470 Lbs. (Transport Kit & Scrapers Not Included In Price) But In Stock ..... **Discount Set-Up Price...$1,475**
- (1) New Dunham 14'3" Cultipacker w/17" Rollers, Approx. Wt. 1,695 Lbs. (Transport Kit & Scrapers Not Included In Price) ..... **Discount Set-Up Price...$1,720**
- Transport Kit In Stock For Any Model Packer (Less Hyd.) **$542**
- Try A New, Well-Built, Inexpensive Tilt-Bed Trailer w/Ball Hitch, 6'x10' w/3500 GVWR, Trailer Wt. 800 Lbs., 20.5x65 R15 Tires, No Brakes **$780**
- Goosen Bale Chopper w/30 Ft. of 6" Hose, Self-Contained Power Unit, 11 HP Honda, Tag No. 1452, ~~$3,050~~ **$2,485**
- Save $$$ On A Model 116 Demo, 16 HP Compact Riding Mower, Serial No. 140947818 w/44" Rear Discharge Mower, Was ~~$2,971~~ ..... **Now Only $1,250**
- IMC 3 Pt. Logging Winch, To Fit On Your Farm Tractor, Approx. 250 Ft. of Cable, PTO Driven w/Brake, 3 Ton Pull Our Reg. Price ~~$545~~ ..... **Discount Sale Price $495**
- New Bush Hog 7 ft. 3 pt. Squealer, Twin Spinner Rotary Cutter, List ~~$1,575~~ **$1,149**
- Manure Fork Attachments For All Popular Make Skid Loaders At ..... **DISCOUNT PRICES**
- Pallet Fork Attachments For All Popular Make Skid Loaders
- Heavy Duty Reinforced Buckets, Much Heavier Than The Originals! Example: 66" Utility Unloader Buckets For Case 1830 & 1835 Uniloaders ..... **Only $517**
- Case 1370 Diesel, Power Shift, 155 HP Rating, 20.8x38 Radial Tires, (Duals Not Included), Motor Just Re-done w/Sleeves & Rings. UT 1171, Was ~~$11,800~~ ..... **Now Only $9,800**
- Save $3,000 Case 586D Diesel Forklift w/21' Mast, 6,000 Lb. Capacity, Approx. 500 Hrs., Side Shifter, Like New, ~~$24,800~~ **Special...Priced To Go Now..You Haul Away..... For Only $21,800**
- Save $1,000 Like New AC 21 Ft. Propane Gas Powered Forklift, w/Hi-Low Transmission, Forward & Reverse Auto. Shuttle Transmission w/Torque Converter, Lifts Approx. 5500 Lbs., Less Than 1400 Hrs., Was ~~$10,800~~ ..... **Now Only $9,800**
- 1980 Case Model 850B Crawler Loader, ROPS, Brush Sweeps w/G.P. Bucket w/Teeth, Good Paint, Good Pads, Good UC, Pins & Bushings - 50%, SN 7079648, Tag No. UT1193 ..... **$27,900**
- Notice: We Have Forklift Block Tines In Stock (3) Like New Sets Of 2 To Fit Case 586, 6,000 Lb. Forklift Price Per Pair **$425**
  Reminder - New Tines Cost Approx $350 Each. So Get A Bargain On These Like New Sets
- Save $1,000 on A Set Of 4 Wheels And Tires, New Demo, Case Dual Wheel Set Of 4 Units w/Complete Bolt-On Hardware & New Tires, Ready To Mount On Your Case 90 Or 94 Series 4 Wheel Drive Tractor, ~~$5,680~~ ..... **Disount Sale Price $4,680**
- Attention Gardeners & Horse Owners, Dump and Carry, Ideal For Stable Cleaning & Farm Chores, Ideal For The Small Farmer's Uses. Install This Unit On Your Small Tractor And Get In Tight-Cornered Stables, Etc. **$295**
- Pacer 6 Ft. 3 Pt. Landscaper, Model LS 72", 6 Ft., Only One Available List ~~$646~~ ..... **Discount Sale Price $586**
- Only One Left...Brand New Speed King Heavy Duty Transport Grain Auger, 10" Dia. x 51' PTO, List ~~$2,730~~ ..... **Discount Sale Price $2,578**
- Good Used Better-Bilt 1500 Vacuum Spreader, Single Axle, 49x17 Tires 1 New, Open Rear Door, PB3 Pump w/2 Tooth Front Plow Down **$2,900**
- Used Hedlund Martin 3,000 Gal. Semi-Solid On Truck Frame w/Tandem Dual **$2,350**
- Myers 518 Forage Box w/3 Beaters & Roof, Wood Sides & Wood Stakes, 6'x16' In Stock, One Only ..... **Discount Sale Price $4,350**
- Like New, New Idea Model 218 Tandem Axle Manure Spreader w/Hydraulic Endgate, UM 1143 ..... **Only $2,950**
- Used 18' Flat Fold Landol Soil Controller w/Slicer Coulters .... **Priced Right!**
- Almost New Rhino 7 Shank Coulter Chisel With New Shovels ..... ~~$4,150~~ Come And Make Your Deal
- Steel Frame Work For 110'x40' Structure With Flat Roof Bar Joist And 2 Overhead Garage Doors, No Siding Or Roofing .... ~~$5,700~~ You Haul Away And Give Us Your Offer
- Good Used 6'x10' Tilt Trailer With 2700 Lb. Capacity With 678-14 Tires ..... **Only $750.00**
- Good Used Knight 252 Single Axle Manure Spreader With Endgate, UM1103 ..... **$2,250**
- Low Hour 43 HP Case 1190 Diesel Tractor With Approx. 400 Actual Hrs. ..... **Only $6,800**
- IH 385 Diesel Tractor Only 21 Approx. Hrs., Orchard Special With Swept Back Front Axle, Approx. 38 HP **$6,500**
- Case 1210, 65 HP Tractor Diesel, 1978 Model With Case Loader ..... **Priced Right!**
- Case 1490 Diesel, 1981 Model Tractor, Power Shift, Sharp! Only 342 Hrs. ..... **$11,800 Or Best Offer**
  Come And Make Your Deal Now!
- Case 1494 1983 Model Tractor, Only 174 Hrs., Fender Type Tractor, Syncro Shift ..... **$13,900 or Best Offer**

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USED CONSTRUCTION EQUIPMENT
Backhoes, Loaders, Crawlers, Dozers, Etc Currently Available

Backhoes. IH 260 A IH 2500 A Case 580 B JCB 3C Needs Work $3 000

Crawlers JD 2010 w/hoe IH TD 14 Cable Blade IH TD 8-E w/6 way IH TD15B w/Cab 933 Cat

Miscellaneous IH 250 loader w/3 pt General 25 ton 5th wheel trailer 3 9 ton trailers

Inventory Changing Daily Call for current prices

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HAY TEDDER
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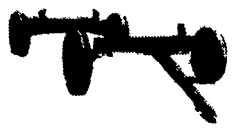
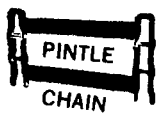


WAGON GEARS

8 Ton Gear	$440
10 Ton Gear	$590
12 Ton Tandem	$895

W15"x8" Rims, 5' Tongue
5"-7" Adj Tongue Add $30



Forage Box Conv. Chain

New Holland #8	$242.50
Gehl 960	$232.50

Other Makes Available Call For Prices

T-Bar Det. Chain

T-67	$.58
T-67 Att	$1.15

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3-year warranty

The best value in a Torque Amplifier has become even better

You always save substantially - up to 1/3 - when you purchase any Remanufactured Case International agricultural equipment component You'll go a long way toward restoring original performance to your tractor In an older tractor, it may even increase load carrying capacity That's because Case International torque amplifier design has been improved over the years and those improvements have been incorporated on today's units The result is positive lockup and greater strength for full-time, heavy-duty operation

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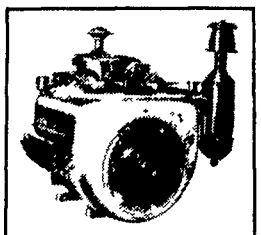
Call 717/786-7943
Between 7.30 & 8:00 A M



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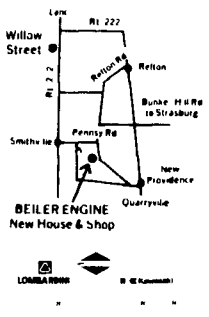
Starting At $1775
Brand New 1 Yr. Factory Warranty



Pickup & Delivery Available

Antique Tractor Fenders, Hoods

Fenders and hoods are copies from originals using same gauge metal. Wire edge, if used and grooves duplicate original. No irons are included unless noted. Buyer must paint and drill holes. Fender prices are per pair. FOB at Lancaster, Pa. Delivery by motor freight for fenders requires crate at $50.00. Freight charges on delivery will run about $50.00+. Delivery to any show I attend for a reasonable charge can be arranged. Can ship hoods UPS for $20.00 extra.

John Deere D - including 3 irons on each fender	$365.00
John Deere D - no irons - sheetmetal only	270.00
John Deere GP	265.00
John Deere GP Widetread - Complete with all irons	400.00
John Deere GPO	290.00
John Deere AR - includes brake dish on left fender	280.00
John Deere BR - includes inner strength ribs like original	290.00
John Deere A-B early flat top to 1937	255.00
McCormick Deering 10-20 early model, short left fender	195.00
10-20 later models, long left fender	220.00
McCormick Deering 15-30 early model, short left fender	225.00
15-30, 22-36 later models, long left fender	245.00
McCormick Deering W30 $295.00 W40	300.00
Case C, CC 235.00 Case L	290.00
Hart Parr 12-24, 18-36, 22-40, 28-50	290.00
Oliver 18-28, 80 Standard, 18-27 Row Crop	260.00
Oliver 28-44, 90,99	280.00
Massey Harris, Wallis 12-20 290.00 Massey-Harris Challenger	275.00
John Deere Hoods	
A,B,G, AR, BR (G with small radiator available)	75.00
D,GP (GP with over the top steering available)	70.00
John Deere air intake stack A, AR, B, BR, G, W power unit	50.00
John Deere air intake stack with round or pointed top for early D and GP	32.00
John Deere muffler -early D & GP p/n AD 103 cast iron	52.00
John Deere AR pulley guard p/n AA 596R	42.00
John Deere BR pulley guard	42.00
Oliver hoods for 18-27, 28-28	45.00
Oliver hoods for 28-44	50.00

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ANYTIME 8 AM to 11 PM Eastern Time.
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Will attend the following
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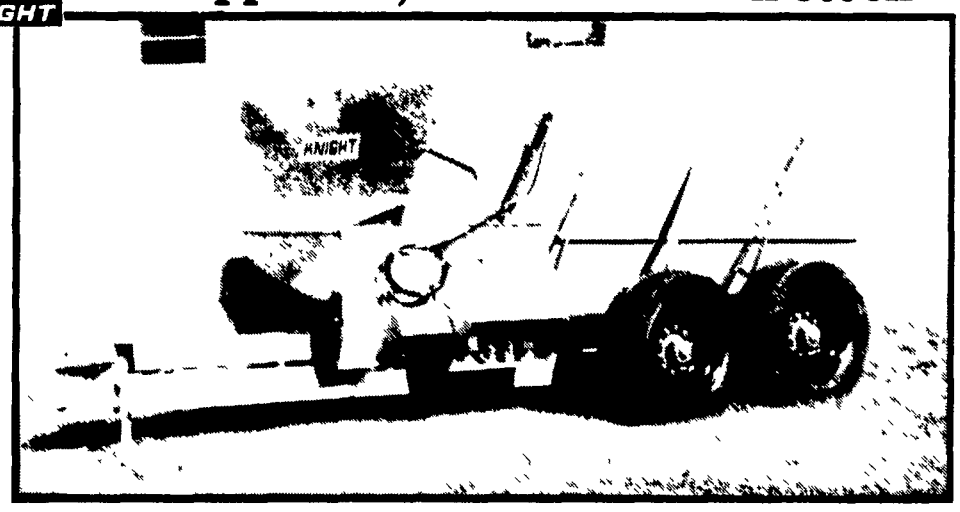
Hudson, N.,Y. Auction, May 9
Rough & Tumble Reunion, Kinzers, Pa. August 12-15, 1987

KNIGHT

"SLINGER" MANURE SPREADERS
Approx. 1,625 Gallons — In Stock



Priced Reasonable...Compare!

SPECIFICATIONS AND FEATURES, MODEL 1514

• Weight w/Tires & Upper Agitator	5410#
• Weight w/Tires Less Agitator	4910#
• Weight Less Tires & Agitator	4570#
• Height w/o 4" Wood Rails	66"
• Height w/4" Wood Rails	70"
• Add for Splash Guard	9½"
• Width at Top	72¼"
• Width Outside of Tires w/20"	93"
• Width Outside of Tires	97"W/16.1
• Length Inside Hopper	14'
• Length Total Incl. Tongue	19'11"
• Capacity Gallons w/o Rails	1435
• Capacity Gallons w/4" Rails	1625
• Capacity Cu Ft Struck w/o Rails	192
• Capacity Cu Ft Struck w/4" Rails	217
• Door Opening	18x30
• Hopper Steel (Copper Bearing HR)	8 Ga
• Roller Chain Drive	60-80-120
• Hammer Drive	#60H
• Auger Diameter (Full Flighted with Paddles at the Discharge Door)	24"
• Auger Flighting Thickness	3/8"
• PTO	540/1000
• Hubs	8 Bolt
• Spindles	2½"
• Axle	Tandem
• Door Opening Gauge	Standard
• Upper Agitator Available	Yes
• Drive Line Protected w/Overload Clutch	
• 12 Swinging Hammers, faced with high manganese steel wear bars	

The Price Is Right!

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TRACTORS
JD 4020 P S New T&T
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JD 2940 w/3000 Hrs
JD 40 w/2 Row Cult
Long 360 Diesel
Farmall Cub w/Mower
White 2 70 w/Roll Bar
Farmall M Tractor
JD 125 Skid Loader

MISC. EQUIPMENT
JD 450 Spreader (Repo)
Chromalloy Tank Spreader
JD 244 Corn Head
Badger Tandem Gear Only
JD 3940 Harvester
JD 7000 4 RW Planter
JD 894 Rake
Taylorway 10' Chisel Plow
Woods R M 59 Mower

Super Special
J.D. 300B Loader Tractor
-Now- w/Direction Rev.
$19,500.00

OTHER NEW EQUIPMENT SPECIALS
Badger-BN725 Snowblower . . . $1,595.00
Badger Weigher Mixer $7,500.00
Little Giant 46' Elevator $2,750.00
Badger #3210 - 220 Bu. Spreader $3,995.00
Badger #3260 - 260 Bu. Spreader $4,500.00

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Hydro Mac 9C Dsl. Skid Loader
Yanmar 220, 4WD Dsl.
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Ford 8N
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Hesston 1091, 9' Windrower (Demo) $4,995
Hesston 4800 Big Square Baler
Fox Max 1 4 WD w/3RN Corn Head
Oliver 5-16 Plow
IH 4-16 Plow
Glencoe SS9 Soil Saver
IH 501, 12' Disk w/Buster Bar
White 281, 12' Offset
Bush Hog 5', 6 & 7' 3 pt. Rotary
Hawk Bilt 357 Tandem Spreader
NI 323 Picker
NI 279 Cutditioner
Mohawk 13' Batwing Rotary Mower

Choice Of
Used Lawn Tractors

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Badger Lagoon Pump
Leased 9½ Months
List $6,475
Sale $3,660

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BADGER
3,350 gal. liquid manure tank
1,500 gal. and 2,300 gal. vacuum tank
210 • 330 Bushel Manure Spreader
Ear Corn Roller Mill w/Blower
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Grain Drill with band seeder
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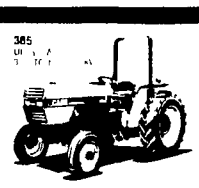
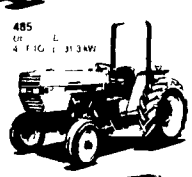
Ph: 717-299-2536

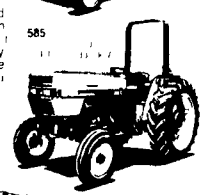
NEW 3 PT. FARM EQUIP.
* 1 & 2 Bottom Plows
* Discs 4' - 8'
* Blades 5'-8'
* Box Blades 4'-8'
* Stone Rakes 6'-8'
* Post Hole Diggers
* 1 Row Cultivators
* Dirt Scoops
* Boom Poles
* Rear Carriers
* Wood Saws
* Fertilizer Spreaders
* Concrete Mixers
* Field Cultivators
* Potato Plows
* Hay Rakes & Tedders
* Rotary Mowers 4'-7'
* 4'-6' Finish Mowers
* Bale Carriers
* Sickle Mowers
* Rototillers
* Log Splitters
* Power Winch
* 8 Ton Wagon Gears
* Tilt Trailers
* Double Axle Trailers
* Construction Trailers

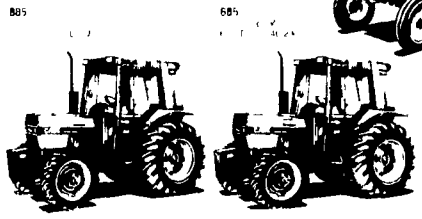
DEALERS WANTED
KUTZ FARM EQUIPMENT
Pine Grove, PA
(717) 345-4882

You've never seen so much in a tractor until you've seen the new Case IH 85 Series







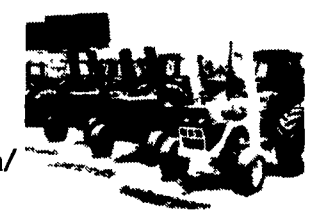


You'll find more for your money with all 5 Case IH 85 Series tractors for productivity and versatility features that even fit nothing with the new Quiet Case IH cab, deluxe 4-way adjustable seat, roomy, all the deck console controls and unobstructed visibility. There's a smooth working 8F 4R synchro transmission (16F 8R power shift available) in all models. Take your choice of row crop, low profile utility, heavy duty cast and center line MFD axles (low crop axle and MFD for the 885 and 885). Any way you look at it you'll find more tractor for your money with all 5 Case IH 85 Series tractors.

Why Not Trade Up Now

To A New CASE IH 65 H.P. 1394 DIESEL TRACTOR

w/Power Shift & Loader Installed & Ready For Work!



Loader Has Single Lever Control & 72" Wide Bucket - Quick Attach Type, Easy On/ Easy Off!

Reg. Price ~~$19,800~~ List Price ~~$25,053~~

SPECIAL . . . . . Call!
For Complete Tractor & Loader Setup

NEW CASE 34 H.P. DIESEL 1835 UNILOADER

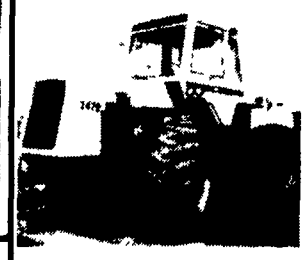
w/66" Light Material Bucket, Big 10.00x16.5 Tires, Working Lights - 2 Front, 1 Rear NC 1431
List Price ~~$17,264~~

SPECIAL...
Call For A New Low Price With Quality

300 Horses Coming Your Way Plus SAVE BIG If You Buy In January & Get WINTER BUYER'S DISCOUNT

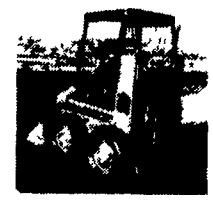
LIKE NEW CASE 2870 4WD 300 H.P.
w/20.8x34 Duals, Double Remotes, Cab w/ Heater & Air Conditioner, 3 Pt. Hitch, PTO.
You Must See To Appreciate!
Lots Of Light For Night Time Operation
Ready For Work! Don't Miss It!

~~$28,000~~ **SPECIAL . . . . . Call!**



Good Used Case 21470
4 WD, Approximately 174 PTO H.P. Rating

Very Good Used Case 1816 Uniloader

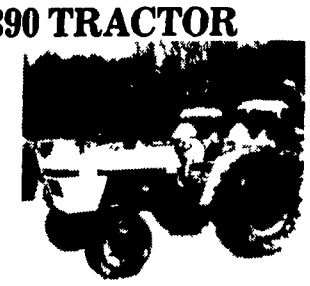


Coming Soon...

LIKE NEW 1980 CASE MODEL 1290 DIESEL TRACTOR
w/16.9x30 Rear & 7.50x16 Front Tires, Only 252 Hrs., UT1258
Don't Wait & Miss This Like-New Bargain!
ONLY **$10,850**
Note: New Loaders In Stock To Fit This Tractor

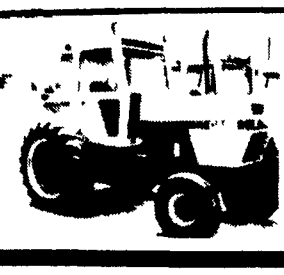
Prices Reduced For Cash & Haul On A Good Used 1980 Model 1816 Uniloader
UT 1254 ~~$4,250~~
Take It Away For Only **$3,850**
Don't Miss It!

Coming Soon... **LIKE NEW CASE 60 H.P. 1390 TRACTOR**
w/750 Hrs., 16.9x30 Rear Tires On Power Adjust Rims, Syncro Shift Transmission, UT1259
With Case 54L Quick-Tach Loader Installed
ONLY **$12,850**



CASE 1690 DIESEL TRACTOR
718 Hrs., Approx. 90 HP Rating, 6 Cyl. Power, Power Shift, 18.4x38 Rear Tires, Twin Remotes, 540-1000 PTO, Platform-Type, UT1240
Was ~~$14,800~~
$13,800 or BEST OFFER

SAVE BIG...CASE 2090
w/Cab, Air, Heater, Power Shift, Rated 108 H P., Only 1300 Hrs., 18.4x38 Tires
Was ~~$16,500~~
NOW ONLY **$14,800** or BEST OFFER



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JOHN DEERE TRACTORS

A w/Widefront-For Collector	$1500
620-3 Pt.-PS-Runs Good	$2200
(2) 435-GM Diesel-RCP	Each $3900
1010-Gas-Cult.-RCP	$3900
730 Diesel-Try-3 pt.-RCP	$3900
JD 301 w/Mower-Clean	$3900
430-PS-3 pt. Cult.-For Collector-RCP	$4500
830-DE-2 Cyl.-Nice	$4500
5020-Diesel-3 Pt.-WF	$4900
830-DE-2 Cyl.-Nice	$5500
301 w/Loader-Gas-3 pt.-PTO	$5900
3020 Diesel-WF	$5900
2640 Orchard	$5900
4020-Very Nice-RCP-1968	$6900
4230-4 WD-Cab-Quad	$16,700
R-80-820-830 In Stock	Call

FORD TRACTORS

8N-Nice	$2400
8N-Very Nice	$3200
4000-Utility-Gas-PS-RCP	$4500
2000 w/Mower	$5900
3400 w/Loader-Gas-3 pt.-PTO	$5900
1700 Tire Chains 227 Hours	$5900
335-Gas-3 Pt-PTO-ROPS	$6500
4400 w/Loader-Gas-3 pt.-PTO	$6500
4600 Diesel	$6800
5000D-Redone	$6900
9700-ROPS-Wts	$7200
6600 Diesel-Flat Deck	$7900
8700-Dual Power	$8900
420 w/ldr.-RCP	$8900
(11) 515 w/Loader-Gas-3 pt-PTO	$7900 to $8900

FARMALL TRACTORS

Cub Lowboy w/5' Rotary Mower	$1,900
Cub-Late Style	$2500
140 w/Woods Rotary Mower-RCP	$3900
424-Diesel-Utility-RCP	$3900
560D-Clean-Wide Front-FH	$3900
656 Diesel-Utility	$4500
574-Cab	$4700
656D-Hydro-Clean	$5900
100 Hydro	$5900
504 w/Loader-Gas-Utility	$5900
784-Cab-3500 Hours-1978	$6900
86 Hydro-Hi-Clear-Diesel-RCP	$6900
1206-Nice Local Trade	$6900
826- German Diesel	$6900
2400 B w/Loader-Gas-3 pt.-PTO	$6900
2400 B w/Loader-Gas-3 pt.-PTO	$7200
2500 A w/Loader-Gas-3 pt.-PTO	$7500
2500 B w/Loader-Gas-3 pt.-PTO	$7700
2500 B w/Loader-Gas-3 pt.-PTO	$7900
886-1979-Cab-Air-TA Works	$8900
766-Cab- Air- Very Nice	$9900
1586-Cab-Air-Bad TA	$11,900
1466-Cab-Super Sharp	$11,900

OLIVER TRACTORS

1355	$2500
88-Wide Front-For Collector	$2900
2255-Cab-Air-Fender Tanks	$7900

CASE TRACTORS

830-WF-3 Pt.	Clean $3500
970-Sharp	$6900
2670-Cab-Duals-3 pt.-PTO-RCP	$13,500

MASSEY FERGUSON TRACTORS

22 w/Loader-3 Pt.	$2000
130 Vineyard-Diesel-3 Pt.	$3400
(2) 35 Gas-WF-3 pt.	$3400
135 Gas	$3500
65 Utility Diesel-Rebuilt Multi Power	$3900
35-Gas-RCP	$3900
Workbull w/Loader-Diesel-3 pt.	$3900
(2) 50-GAS-RCP-Sharp	Choice $4800
65 Gas-PS-RCP	$4800
30 w/Loader-3 pt.	$4900
35 GAS-P.S.-RCP	$4900
165 Diesel-Multipower	$5400
Workbull w/Loader-Gas-3 pt.-PTO	$5900
MF 165 Gas-WF-3 pt.-RCP	$5900
1105-Diesel-WF-3 pt.-RCP	$6600

IMT, LONG, KUBOTA, VALPADANA & DEUTZ TRACTORS

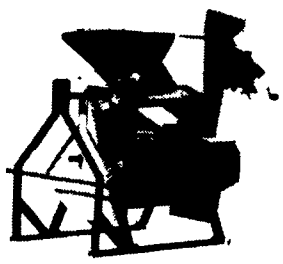
Kubota B6100-2WD	$2900
Kubota B7000-4WD-Rotovator	$4400
Valpadana 20/26 4WD-DEMO	$5900
Kubota L235-4WD	$6900
IMT 539-Demo	$6900
Kubota L275-4WD w/Mower	$8800
Valpadana 4033-4WD-DEMO	$8800
Long 360 4 WD-New-Was $13,690	$9400
Long 460 4 WD-New-Was $15,373	$10,800

ALLIS CHALMERS TRACTORS

G-RCP	$1900
D17-Gas-Try	$2900
D19-Diesel-WF	$2900
200	$4900
185-Wts.-Very Nice	$8500
185 Cab-Air-1978-2200 Hours	$9900

DETAILED VCR COLOR TAPES WITH SOUND AVAILABLE FOR ANY OF OUR MACHINES (VHS ONLY) $25 Per Machine

3 Pt. & Pull Type



NEW CORNSHELLERS

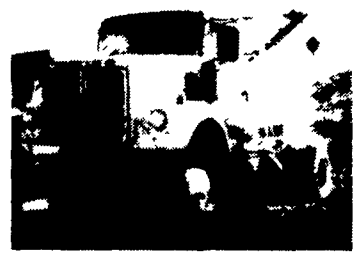
- 3 Pt. Economy $795
- 3 Pt. Standard $1395
- 3 Pt. Deluxe $1695
- Pull Type ..... Add $100

Pictured Is Standard Model

NEW SHIPMENT

3 Pt. WOODSAWS

$495



1974 White Truck Tractor w/Heavy Loading Crane, Crane Turns 180°, Rebuilt 318 Detroit, 10 Speed Road Ranger, 4 WD, Operating Condition, Truck Has P.T.O.

ONLY $6500

TRUCKS

1950 GMC 10 Wheel Dump	$3500
1966 Chevy C60 Dump	$3500
1968 IH 1x Dump	$3500
1968 Dia Reo 1x Dump	$4900
1981 GMC 3500 1 Ton	$5900
1974 White Diesel w/Crane	$6500
1971 JD Crane Truck	$7500

SPREADERS

JD R
NI 18
IH Cub
NI 12A

FIELD CULTIVATORS

Glencoe 13' 3 pt.

POTATO EQUIP.

Iron Age 2X Planter
1 Row Planter
2 Row Digger
1 Row Digger-3 pt

DUALS

18.4x34 Snap On
20.8x38 Axle
18.4x34 Axle
18.4x38 Snap On
18.4x38 Ford Axle
20.8x38 Snap On

FORAGE WAGONS

Fox 625

CONSTRUCTION EQUIPMENT

NEW 1986 TRAILERS ON SPECIAL

- 2 Axle, 4 Ton, 14 Ft. **$1,495**

TRAILERS

1986 1x1 Ton	$695
1986 2X 4 Ton	$1500
1976-9 Ton	$2500
6 Ton Tag-A-Long	$2800
1980-8 Ton	$2900
6 Ton Goose-neck	$3400
Used 12 Ton	$3900
1986-12 Ton	$5800
1977 44' Movall Drop Deck	$10,250
1977 Phelan 25 Ton Double Drop	$12,250
(18) Flatbeds	Call

SKID STEER LOADERS

White 4-30	$3900
Melroe 720	$4900
OMC 440	$7900
Case 1845	$9900

FORKLIFTS

4000 lb., Solid Tires, Side Shift	$1000
3 pt. Attach-NEW	$2500
Clark 6000 lb.	$2900
Datsun 9000 lb.	$3900
Clark 8000 lb.-RT	$5900
White 4000 lb.	$6900
TCM-6000 Lb.	$7900
Hyster 10 Ton-RT	$8900
Case 580-21'	$8900
TCM 5000 Lb.	$9900
Komatsu 5000 lb.	$9900
AC 600-21'	$10,500
White 21'	$11,500
Case 586-14'	$12,500
AC I600-21'	$12,500
Case 584-21'-Gas	$14,500
Sanderson SB70	$16,500

MISC. CONSTRUCTION

(100+) Used Hoe Buckets	Come Look
(30) Loader Buckets	Come Look
(30) Set Forklift Forks	Come Look
2 Ton Roller	$1750
JD 350 Winch Attach	$1900
Knuckle Boom Log Loader Assy	$2500
12' Sheepsfoot Roller	$4500
Wood Chipper	$4900
Woodchipper	$5900
Joy 185 Diesel Compressor	$5900
Galion 503 Grader	$7900
Galion 503 Grader	$8900
Leroi 175 Air Compressor	$8900
Rex 3-50 Compactor	$39,500

LOG SKIDDERS

Ford Log Hog	$2800
Timberjack 230	$10,500
JD 440C-1978	$18,800
JD 640	$24,900

TRACTORS WITH LOADERS

MH 22	$2000
MF Workbull	$3900
MF 30	$4900
MF Workbull	$5900
Ford 3400	$5900
JD 301	$5900
IH 504	$5900
Ford 4400	$6500
IH 2400B	$6900
IH 2400B	$7200
(2) IH 2500A	$7500
IH 2500B	$7700
IH 2500B	$7900
Ford 515	$7900
(3) Ford 515	$8500
Ford 515	$8700
Ford 515	$8800
Ford 420	$8900
(5) Ford 515	$8900
Valpadana 4033-4WD DEMO	$10,800
Valpadana 4038-4WD DEMO	$11,300

BACKHOES

IH 3616	$5900
IH 2400	$5900
Ford 5550	$6900
JD 300	$7900
Case 580	$8900
(2) JD 400	$8900
MF 30	$9500
MF 50-Cab	$10,500
IH 2500B	$10,500
IH 2500A-Cab	$10,900
JD 310	$11,500
JCB-Cab	$11,500
IH 260A	$12,500
IH 3820-4WD	$12,500
(2) Case 580B	$12,500
JD 310A	$14,500
(2) Case 580F-Cab	$15,500
Case 580F-Cab	$16,500
Case 580C	$16,500
JCB- Extendahoe	$18,500
JCB- 4WD	$21,500

RUBBER TIRED LOADERS

Trojan 124-Cab	$7900
Trojan 204-Cab	$8900
Michigan 175A II-Cab	$9,500
Hough 65-Cab	$9,500
Fiat 545-Cab	$16,500
Fiat 345B-1979	$19,500
Ford A62	$19,500
Ford A62-1980	$25,000
JD 644B	$26,500

DOZERS

IH TD14	$2900
JD 1010	$5900
JD 450	$7500
Case 450	$7500
JD 350 Cab	$9500
JD 350 6 Way-Cab	$10,500
JD 450 6 Way	$13,500
Case 850 6 Way	$14,500
(3) Cat D4D	$19,500
Cat D5-Cab	$19,500
Case 1150B-Cab	$19,500
(5) Cat D4D	Coming In

CRAWLER LOADERS

JD 2010	$5500
Case 850	$7500
Case 350	$8500
Case 850	$8500
Case 350	$9500
(3) Cat 933F Cab	$9500
(3) JD 350-Cab-Ripper	Each $9500
Case 450	$9500
Cat 933F Cab 4-In-1	$10,000
(2) JD 450	$10,500
Cat 933G Cab Ripper	$11,500
JD 450 w/Hoe	$11,500
Cat 955H	$12,500
MF 200 w/Hoe-Cab-1978 4-in-1	$14,500
MF 400-Cab-Ripper	$14,500
Komatsu D31-Cab	$18,500
(2) Cat 941-4 in 1	$19,500
Cat 941-Cab-Ripper	$22,500
(2) Cat 941-Cab- 4 in 1	$22,500
Cat 951C-Cab	$25,000

EXCELLENT SELECTION OF AFFORDABLE USED EQUIPMENT

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SAT 7:30 To NOON

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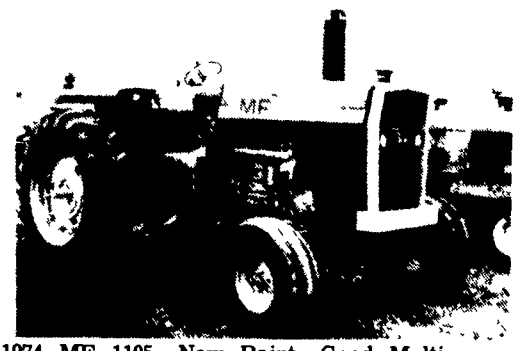
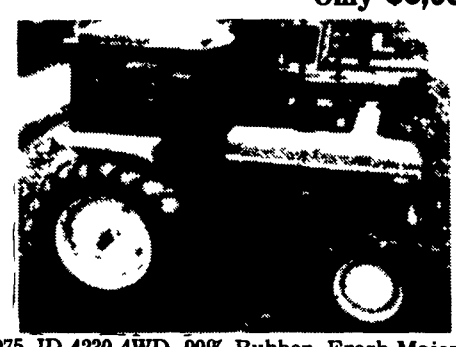
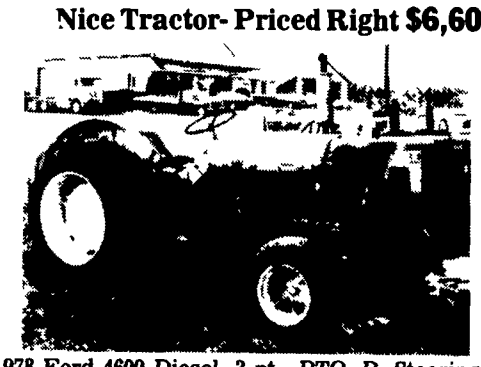
1970 Case 970 Diesel, Power Shift, 4400 Hours, 40% Rubber, Dual Remotes, Clean Original Western Tractor. **Only $6,900**



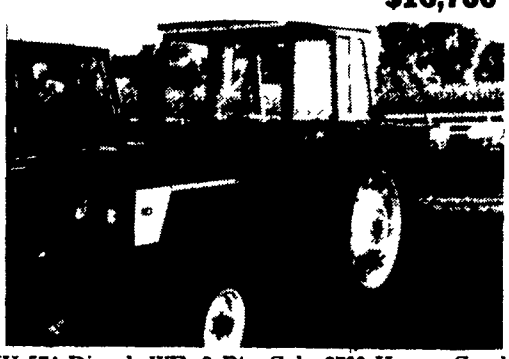
1974 MF 1105, New Paint, Good Multipower, 18.4x38 (40%).
Nice Tractor- Priced Right $6,600



1975 JD 4230 4WD- 90% Rubber, Fresh Major On Engine, 2500 Hours, Clean Original, Cab, Air, Quad., Good Tractor **$16,700**

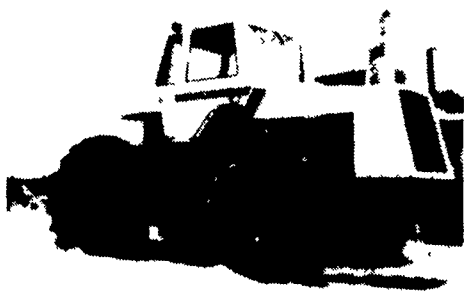


1978 Ford 4600 Diesel, 3 pt., PTO, P. Steering, 8 Speed Transmission, 60% Tires, Operating Cond. **$6,800**

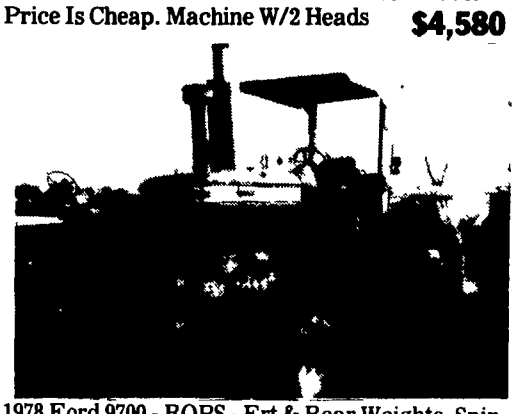


IH 574 Diesel, WF, 3 Pt., Cab, 2700 Hours, Good Paint, Operating Condition
Special Price $4,700

1976 Gleaner F Diesel Combine w/Air With QT Grain Head & F435 Cornhead. Seasons Over - Price Is Cheap. Machine W/2 Heads **$4,580**



1975 Case 2670 w/20.8x34 Duals (40%), 2000 Hours, New Paint, 3 Pt., PTO.
Super-Super Buy $13,500



1978 Ford 9700 - ROPS - Frt & Rear Weights, Spin Out Wheels, Runs & Looks Good.
Wake Up- Too Cheap $7,200

NEW EQUIPMENT SPECIALS

SITREX P.T.O. TEDDERS
2-Wheel Pull or 3 Pt.
$895

4 Wheel- **$1695**

ROTARY MOWERS
40" 3 pt Heavy Duty $495
4' 3 pt Standard Duty $449
4' 3 pt Heavy Duty $495
5' 3 pt Standard Duty $449
5' 3 pt Heavy Duty $495
6' 3 pt Heavy Duty $695
7' 3 pt Heavy Duty $1395
4' pull Heavy Duty $595
5' pull Heavy Duty $695
6' pull Heavy Duty $895
7' pull Heavy Duty $1495
4' 3 pt Estate $1195
5' 3 pt Estate $1295
6' 3 pt Estate $1695

SICKLE BAR MOWERS
6' 3 pt pitmanless $1495

SCRAPER BLADES
6' 3 pt Heavy Duty $195
7' 3 pt Heavy Duty $225

CEMENT MIXERS
9 Cu. Ft.-3 Pt. $595
12 Cu. Ft.-3 Pt. $695
20 Cu. Ft.-3 Pt. $795

STONE RAKES
6' 3 pt. $495
7' 3 pt. $550
8' 3 pt. $595

HAY TEDDERS
2 Wheel Pull PTO $895
2 Wheel 3 pt PTO $895
4 Wheel Pull PTO $1695
4 Wheel 3 pt Ground $465

HAY RAKES
4 wheel 3 pt. $465

WOODSAWS
3 pt PTO 30" $495

ROTOVATORS
34" 3 pt. $875
42" 3 pt. $875
60" 3 pt. $1275
66" 3 pt. $1375
72" 3 pt. $1475
82" 3 pt. $1975

LOADERS
3 pt snow & dirt bucket $695

SEEDERS
PA 100 3 pt $275
PA 250 3 pt $285
PA 300 3 pt $295
PA 400 3 pt $395
PA 500 3 pt $450

LANDSCAPE BOXES
3 pt 5'6" $495
3 pt 6' $495
3 pt 7' $595

TRAILERS
1986 1 ton-9' Bed $695
1986 4 ton 14' $1495
1986 4 ton 16' $1595

POST HOLE DIGGER
3 pt 6", 9", 12", HD $495

CHISEL PLOWS
3 pt 9 tooth spring loaded ... $595

DIRT SCOOPS
3 pt Reversible $395

POTATO PLOWS
1 row 3 pt $95

DISC HARROW
5'6" 3 pt 18" Combo $495
6'6" 3 pt 18" Combo $495

SUBSOILERS
3 pt 1 shank HD $369

BALE MOVERS
3 pt 3 tine HD $379

FORKLIFTS
3 pt tilt cyl HD $2495

WAGONS
6 ton $450
8 ton loaded $550
10 ton loaded $625

CULTIVATORS
1 row 3 pt $149

BOOM POLES
H.D. 3 pt $149
Standard 3 Pt. ..... $ 79

COMBINE SALE
All Combines Have Cabs

- White 8600-D-QT w/Grainhead $8680
- JD 3300 D-R Screen-QT-Base $7420
- IH 615G-R Screen-QT w/Grainhead $7850
- White 7300 G-QT w/Grainhead $7850
- Gleaner F Diesel w/Grain & 435 Corn ... $4580
- JD 4420- 213 Grain-Diesel $16,500

CORN & GRAIN HEADS AVAILABLE

Schwartz 750 Mixer-Feeder Wagon With Electronic Scales, Fair Condition
$2,150

LOADERS
Loader Off D.B. 990
Freeman Off 880 Brown
AC Off 1600
Souders Loaders
IH 2250 Loader
IH 2050 Loader
JD 158 Loader
Loader Off 800 Ford
IH 2000 Off 706
Loader Off 4000 Ford
Loader Off 30 Ferg.
JD 47 Loader
JD 48 Loader

CORNPLANTERS
IH 2X Fast Hitch
Ford 6X Pull
JD 246 2x3 Pt
IH 56 - 2 Row
Ford 2x3 pt.
MF 2x3 pt -NEW
Oliver 2x3 pt
IH 400 Cyclo

ROLLBARS & CABS
IH 2 Post w/Roof
Case 1070 Cab
AC 7000 Rollbar
JD 4020 Cab
DB 1200 Cab
(30) Combine Cabs
AC 7030-7050-Cab
MM G1000 Vista Cab
Ford 4000 Cab
Ford 6600 Cab
JD 4320 Cab

BALERS
Extra Throwers
JD 214 Wire Tie
NH 851 Round
NH 67

NEW IDEA UNI SYSTEM ATTACHMENTS
731 4x40 Cornhead
743N Cornhead
766 Pickup Head
Extra Grain Heads
728 4x30 Corn Head
3x30 Harvester Head
705 Diesel Tractor
QT Throat Assy
710 Combine
725 3RN Cornhead

CHISEL PLOWS
JD 10' Pull
Landoll 10' Pull
5 Tooth V Chisel (3 pt)
1 tooth 3 pt subsoiler
5'-8'-9'-10'-12'
-14'-16' 3 pt
5 Tooth V Chisel

DISCS
IH 10'-11'-13' Transports
JD Plowing Disc-11'
KK 6' 3 pt.
IH 480 w/Wings-24'
IH Cub Disc
JD 10' RWA Transport
Bush Hog 16' w/Wings
JD KBA 8' pull
JD 310 Transport
Wilbeck Offset-11'

SICKLE MOWERS
JD 9 3 pt.
Ford 3 pt.
IH Cub
IH FH
Sitrex 3 pt. dynabalance

HAYBINES
NH 478-7'
Hesston 1070-7'

100 COMBINE CORNHEADS

HARVESTER HEADS (75 In Stock)

PLOWS
AC 3xSC
JD (3 pts) - 2x-3x
JD (Semi) - 4x-5x
JD (pull) - 2x-4x Reset
JD 1x Reset 2500 Attach
Oliver 3x-3 pt
Oliver (pull) 3x
Oliver (semi, Reset)4x-5x
IH 1x (MTD)
IH 2x, 1 pt, FH
IH 3x 3 pt
IH 550 5x (Semi)
IH 710 5x (Semi)
Ford 2x (3 pts.)
MF 880 5x (Semi)
MF 2x Rollover
Oliver 4x3 pt
JD 5x Rollover
Oliver 3x Rollover
JD 3X Rollover
IH 3X Rollover
IH 4X Rollover
AC 3x3 pt
JD 7x Reset
JD 4x Pull
OL 2x Rollover
IH 3x FH
IH 3x FH Disc Plow
Ford 3x3 pt
Case 2x3 pt

MISC. EQUIP.
Spike Harrow
IH Cub & 140 Attachments
Hesston 10W Mower
12' Lime Drills
IH Side Dressers
8' to 12' Spring Tooth Harrows
Hesston 30 Mover
(3) Bale Wagons
IH 5100 Drill
(2) Hesston 10 Stackers
Danuser PHD
Fox 660 Blower
IH 56 Blower
Gehl 95 Grinder Mixer
(3) Cornpickers
(7) Harvesters
Transplanters
Hay Rakes
Cornshellers
JD 300 Elevator
Grain Auger-6"x32'
9' & 12' Cultipacker

ROTARY MOWERS
JD 5' Pull
Ford 7' Pull
Woods 6' Offset, 3 pt
Bush Hog 4X Stalk Chopper
Woods C80-3 pt
Woods 5' 3 pt

CULTIMULCHERS
JD 930 - 12' 3 pt.

CULTIVATORS
AC D14-D15 2x
Ford 2x3 pt
JD 2x (H & 420)
JD RM6
JD 6x Frt Mtd
IH Cub & Super A, A, C
IH C-H-M 2x Frt
IH 461 Ftr Mtd 4x

1 FARM EQUIPMENT

AC 7000 Dsl. Tractor
AC 185 Tractor
AC 170 Dsl.
AC CA Tractor w/ Cultivator
AC D17 Dsl. Tractor
AC D17 Gas Tractor
Farmall Cub w/1R Cultivator
JD 40 Manure Spreader w/Upper Beater
NI 218 Single Beater Spreader w/Hyd. Endgate
NI 382 Spreader, Solid Plus

ROY H. BUCH INC.
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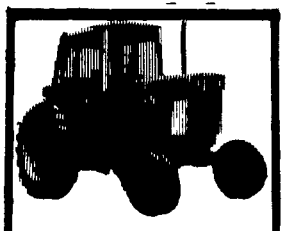


NEW TRACTORS
234- Turf Tires
585
485
385 w/2200 Loader
385 4WD

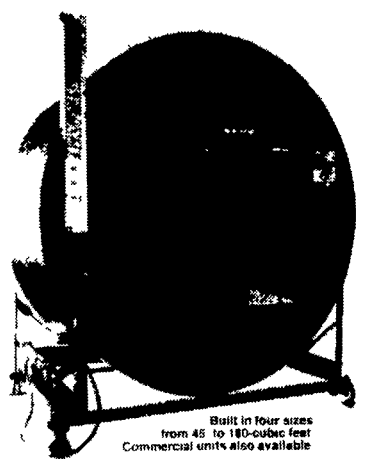
NEW EQUIPMENT
IH 86 Rake
1190 7' Mower Cond.
530 Spreader
540 Spreader

USED EQUIPMENT
Woods 5' Rotary Mowers

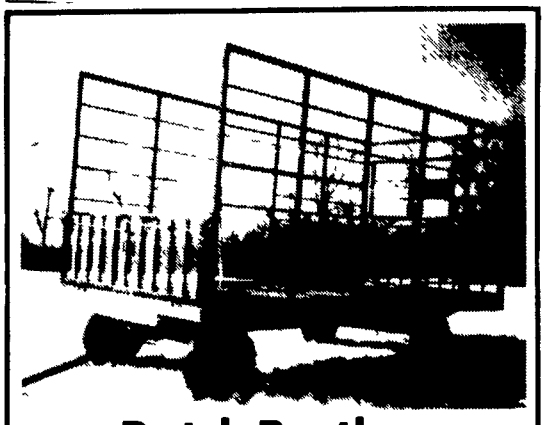
USED TRACTORS
Farmall 656
Farmall H
Farmall C w/Equip. Cult., Plow, Snow-blade, Mower, like new
154 LowBoy w/mower
Cub Low Boy w/mower & blade
Farmall Cub w/mower & blade
Farmall 140 w/Woods 6' mower
Cub Cadet 782D w/equip

case ih
LAMB'S FARM MACHINERY
Thorndale, PA
Phone 215-269-2676

BERG "Mini-Mixer" TMR Mixer/Blender



Robert Gutshall
RD 1, Box 212
Womelsdorf, PA 19567
717-933-4616



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Feb. - Special - March 15th

- 18'x8' inside
- Made with 14 ga. square tubing for strength and long life
- Front and rear opening needs only 38" clearance.
- Endgates made with expanded metal for sure footing, with spring loaded latches
- Beds built of all oak
- Steel side rail for protection
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- 8T gear w/extension tongue $475.00
- One set used tires & new tubes $40.00
- One set new 11L tires & tubes $200.00

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Serve A Balanced Ration
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Self-Propelled Mixer

Mix TMR, Grain Rations or Vitamin and Mineral Supplements Thoroughly and Efficiently!

Features • All Stainless Steel Mixing Drum • Hydrostatic Drive • 7 HP Honda Engine • Electronic Scale • Hardware Magnet

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Specializing in agricultural irrigation design and equipment.

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Chapin — T-Tape — Bi-Wall

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10 mil. 6,000' coil ..... $129.00 per coil

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8 mil. 7,500' coils..... $142.50 per coil

Bi-Wall
Bi-Wall Light 6,000' coil.. $ 96.00 per coil

Order before March 1, 1987 for cash savings.

Complete line of filters, valves, controllers, pumps, PVC and Polyethylene Pipes and Fittings.

1979 Steiger P.T. 270

with Cat engine, 24.5x32 duals, 3 pt. hitch, 4 outlets and dozer blade. Priced to Sell!

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Oakland Mills, PA 17076
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JOHN DEERE

SPECIAL
JD 7000 6 row conservation planter, dry fertilizer, monitor, frame mounted coulters, insecticide.
Sale Price $11,750
DEMO

USED COMBINES
JD 6600 LL, rotary screen, 1,400 hrs., dsl., cab, AC, very good, $19,000
JD 6600 Side Hill, dsl., hydro, cab, AC, 2,000 hrs., excellent
NH TR85 rotary, 4WD, hydro, Cat dsl., 16' flex platform, Bish adaptor, very good, $29,000
MF 760 hydro, cab, AC, 24.5x32 tires, good, 1163 CH, 15' platform, $27,000
MF 750 hydro, cab, AC, nice, 1163 CH, 15' platform, $27,000
MF 510, cab, dsl., platform, $7,500
AC model K, cab, platform, 3 row head
(2) JD 215 flex platforms, good $5,000-$6,000
JD 213 flex platform, good, $6,000
JD 444 corn head, good, $3,000
(2) MF 44 corn heads, good, $2,800 ea
NI 710 Uni combine w/10' platform, $2,500
NI 325 2RN sheller, good, $4,500
(New) JD 300 husker, In Stock

Interest Free Financing Till Sept. 1, 1987

USED TRACTORS
JD 3010, NF, gas
JD MT w/cult., sickle mower & 2 btm plow
JD 50, 3 pt., live power, good, $1,800
JD A Tractor w/picker
MF 85 Tractor, gas, WF, $2,800
MF 65 gas, good, $2,500
IH 1486, cab, duals, nice
Farmall A w/Plow & Blade
Farmall Super H, good, $1,200
Farmall H $900
Farmall 544, tricycle, 3 pt., good, $4,500
Farmall 350, $1,200
Farmall 706 Gas, WF, excellent, $5,000
AC WD w/2 btm plow, good, $1,300
1850 Oliver, cab, 92 h.p., good condition, $6,500

TILLAGE
9' Case transport disk
JD RWA 13' Disc
IH 450 auto 3 btm., 16" reset plow, excellent
(6) 2, 3, 4, 5 bottom plows
18' transport harrow, Special $900

DRILLS & PLANTERS
JD FBB 16x8 Hoe Drill, grass seed, excellent
(2) JD 1240 planters, good cond
IH 56 4 row DD, dry fert
IH 13x7 disc drill, good
JD 7000, 6R Cons., Dry Insect. Sharp, $8,500

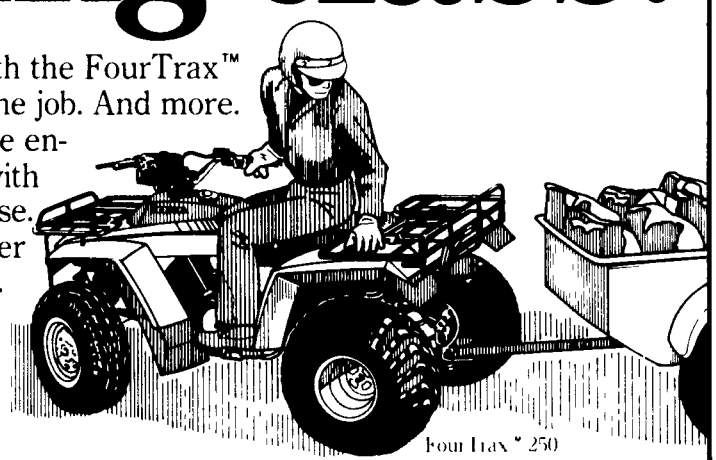
HAY, FORAGE & MISC.
NH 69 Baler, good
NH 269 Baler w/thrower
NH 273 Baler, excellent
NH 68 baler w/thrower
IH 241 round baler, very good
IH 430 baler w/thrower, good
JD 14T baler, nice
JD 1209 mower conditioner
JD 480 mower conditioner
IH 990 haybine, 9'
NH 460 haybine
NH 479 haybine, very good
NH 33 Flail Chopper, good
JD #15 Flail Chopper
JD 38 Harvester
Fox Harvester w/2 heads
Model 7600 Field Queen Harvester w/Grass Head, cab, cat diesel
NH 880 Forage Harvester w/2 heads
JD 115 Forage Box
JD 750 grinder mixer, very good
Farm Hand 850, 130 bu. grinder mixer
512 NH Spreader, $400
JD 40 Spreader, excellent
28' Zimmerman Elevator, like new

Over 40 Used Lawn Mowers In Stock

Chore Boy Pipeline Milker
2" Glass w/Milker Units

Working class.

Cut your work down to size. With the FourTrax™ 250. It's got what it takes to do the job. And more. Like a powerful 246cc four-stroke engine. A five-speed transmission with a super-low first gear, plus reverse. Shaft drive. Front and rear carrier racks. And a standard trailer hitch. Everything needed to keep it where it belongs. At the head of the working class.



FourTrax® 250
Trailer is not standard equipment. Always follow recommended towing procedures.

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$2348.00

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STITZEL FARM EQUIPMENT, INC.

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Phone Bus. 215-562-8377 Home 215-562-7451 or 215-562-5740

J.D. (New) 4450 C.A P.S. w/FWD, $44,200; New JD 2950 w/R.G.; 4640 C.A.P.S., Duals - 800 Hrs., Real Nice; 4640 C A Q.R. w/dual wheels; 4440 C A P.S - Real Nice; 4440 C.A.Q.R.; 4440 PS w/ROPS; 4240 Q R $15,500; JD 2940 w/F W.D. & 260 Loader, Low Hours; 1977 JD 4230 C A, Q R, sharp, 2200 hrs, 2840 & 2940 w/R.G.; 8630 4 WD C.A.Q.R., Full EQ. w/Duals; 8430 4 W.D. C A Q.R., Fresh Motor - Real Nice; 6030 C.A. Duals - Nice; 4630 C.A.P.S. w/F.W.D., Real Nice; JD 4630 C A.P.S. w/new tires; 4630 SR w/Cab & Air; JD 4430 C.A.Q.R.; 4230 C.A.Q.R.; JD 4040 PS w/R.G ; JD 4030 w/creeper trans.; JD 4230 D w/RG Enclosure; 2940 w/R.G. & 38" Tires; JD 2630 w/Hi-Lo; 1530 w/Hi-Lo; (70) 5020 - $5,900; 4520 w/Factory Cab; 4320 Fender, real nice, JD (5) 4020's 1964-1972; 4020 S.C., W.F.E.; 4020 P.S., S C., W.F.E ; 4020 w/58 Loader; 3020 D. S C , W.F.E.; 2520 Dsl ; 2020 Gas; 3020 Gas, PS, original; JD 4520 R.G. & cooler w/30.5x32 tires; 4010 D w/new clutch; 4010 Gas; 730 Gas w/3 Pt.; 630 Gas; 720 D. P.S. w/3 pt; 620 P.S.; 620 L.P.; JD 3010 Gas, real nice; JD 2020 Gas w/L; JD 4010 D., good; JD 2010 Gas, WF w/Hyd. JD Loader; Model 40 w/3 pt.

I.H. (New) 5088 Full Eq. C.A., never used. Sale Price, $33,450; 5488 Full EQ., Radial Duals - Like New; 786, one owner, original; 3288 C.A. West Int., radial tires, looks new, $23,000; 3288 CA, 670 hrs., 1086 CA w/Dual Whls , original; 1586 C A Nice; 1586 w/R.G.; 886 w/Cab 18x38 Tires, 700 Hrs. Like New; 886 w/R.G.; 3588, 2+2 w/Dual PTO, 1300 hrs., real nice; Farmall 1066 C.A., original; Hydro 84, Hydro 70; 784 - 1,000 Hrs., Real Nice; 1568 C.A. - 1,000 Hrs., Real Nice; 1566 w/Cab; 1976 Model 1566 CA, Black Stripe; 1466 w/Cab; 1066 Hydro - Original; 966 Original; 766D.; 464 utility w/2250 loader; 666 D., WF, original; 674 D.; 574 D. w/Loader; 656 Gas; 806 D - $4,750; 464 Utility, Gas, PS; 1256 w/Cab, Nice; 756 D. W.F.E. & F.H.; 756 G Hi-Clear; 656 Gas - W.F.E. - Original; 656 Gas & Diesel; 656 D. Hi-Clear; 826 D. Hydro; 1206, Nice; 806 D w/3 pt., new paint for $4,475; 706 D. - W.F.E. - 3 pt. - $5,000; 706 Gas T/A, W.F.E.; F.H.; 606 Gas w/3000L; Super M; 230 w/F.H.; IH 240 Utility; 560D; F450 Gas, Tri., F.H. w/Loader; Super A w/Sickle Mower, Plow & Cultivator.

Local Trade: AC 4W, 305, 4WD, 400 HP, fully eq. w/20x38 Rad. duals, used 120 hrs., like new

New AC 8050 C A., P.S , rad. tires, fully eq ; Used AC 8010 C.A , P.S. w/F W.D ; used AC 6080 w/R.G.

A.C. New AC 6080, (Used) 7045 C.A - 20 Spd - Real Nice; 7040 C A.P.S., Like New. AC 7010 C.A.P.S , like new; 210 - New 20.8-38 Tires; AC 200 D original; AC 220, real nice; XT190D w/3 pt.

CASE (Used) 1690 C.A.P.S., 200 hrs ; Case 2590 C.A.P.S. - 925 Hrs. - Like New; 1370 C.A.P.S. Factory Duals; 380 D. w/R.G.; '81 Case 2390 C.A.P.S. $14,800; 2090 CAPS, $14,800; 970 Fender, PS, original; 930 C.K. w/3 pt.; Case 885 D w/L.

M.F. 2675 w/R.G. w/1,000 Hrs.; 1155 C.A.M.P - $8,500; 1135 C.A.M.P..

Ford TW 35, used 150 hrs., local trade, like new.

Ford 9700 C A , real nice.

Ford 641 w/Hyd. Loader; '52 Ford 8N; Ford 4000 SU w/PS; Ford 3000 w/PS; County Super 6, 4WD w/3 pt.

OLIVER 1855 w/20.8-38 tires; 1950 T w/Cab - $5,975; 1650 D., WF w/3SP; 1550 gas.

WHITE 4-210, 4WD w/duals, 3 pt. fully eq., 1600 hrs., real nice; (New) 2-65 w/F.W.D. & (New) 1730 Loader - List $29,000 Sale - $18,900; 2-135 C.A.

Tractors & Equip. Just Traded:

JD 2950 CA, 4WD, like new; IH 886 CA; JD '81 Model, 6620 LL, w/215 flex; NI 702 D. w/727 bed & 3R C.H.; Schwartz loader for Case 730; Steiger Panther 310 w/3 pt.; Krause 22' fold chisel plow; Krause 27' fold disk; IH 1066 Cab & Duals; IH 686, nice; MF 175D; JD 2510 G; Athens 10' offset disk; Brillion Wing Harrow; NI 324 w/12 roll bed, 5 yrs. old; NH #8 forage wagon; Brillion 10' chisel plow; Gehl 120 grinder mixer; Case 730 gas; JD 230, 18' disk; IH 1800 roll back truck; IH 544 Gas w/#2000 Loader; JD 520, WFE; 3 pt., PS.

AC 7010 C.A.P.S., like new; IH 4568, 4WD; Case 4890, 4WD.

IH 990 haybine; (2) Gehl 920 forage wagons; Case 4890, 4WD, 400 hrs. w/fire damaged cab; JD 4230 w/fire damaged cab.

Case 1594, P. Shift, low hrs., like new; F706 D., WFE, 3 pt.; MF 1135 CA, Duals; JD 230, 21' fold disk, NI 325 w/12 Roll Bed; Taylorway 16' Rock Flex Wing Disk; JD 1710, 10½' mulch tiller.

Late Model Brillion 10' transport seeder; Knowles 16' wing trans. harrow, used 4 acres; IH 241 Round Baler; IH 1150 Grinder Mixer; Badger Liq. Tank, like new; MF 124 Baler w/Thrower; Arps 3 pt snow blower; Howard 12' rotovator

Local Trade: Used JD 4450 C.A w/490 hrs , like new , (77) Case 970 C A.P.S original

Used JD 4240 C A , Q.R , 1400 hrs , Local owner, looks like new

Combines w/Good Selection Of Heads: We have 10 late model, very nice, local, one-owner combines.

1983 MF 860 Hydro V8 motor, fully eq., low hrs., looks like new, w/rear whl. drive w/1163 C.H. & 15' flex U2, reel, like new

M.F. (82) 850 4 WD Hydro w/16' Flex + 1163 C.H., 900 hrs. Just out of field working, $47,500.

M.F. 1980 750 Gray Cab, Hydro, fully eq., 700 hrs.

JD 6620 Side Hill w/700 hrs., looks like new; JD 4420, low hrs., very nice; 1976 JD 7700, real nice.

JD 3300 Real nice w/2 heads.

JD 8820 fully eq. w/Turbo Hydro w/Reverse feeder house and chopper, very nice.

JD '81, 7720, Cab, Air, Turbo, Hydro w/220 Flex.

JD 6620 S.H., 800 Hrs., real nice, just out of field working. For $39,500; JD 6620 LL, 900 hrs., 1 owner, nice; (75) 6600 D. Rotary Screen good; 1977 JD 4400 D., C.A. w/23x26 tires.

IH (Used) 1460 Axial Flow - 800 Hrs., 863 Black, A630 Black, L2, LA38, M430, F430, KF335, F330

M.F. 1163, 1143, 63, 44, 33, 43 24, 222, 422

N.I. 738, 743, 730, 734, 725, 723, 762, 763, **Ford** 4-30"; **Case** (404); NH 4 & 6 row

GRAIN HEADS: J.D. Used 12'-15' Incl. 213 & 215 & (2) JD 216 Flex; JD 213 Rigid.

I.H. 810-13' Thru 16.5' w/Reg. or Floating; 2-New 820, 17½' Flex, $5,500 each.

M.F. 10'-16' Reg or Floating Bar; **A.C.** E10', G15'.

N.I. 713 Flex Or Rigid.

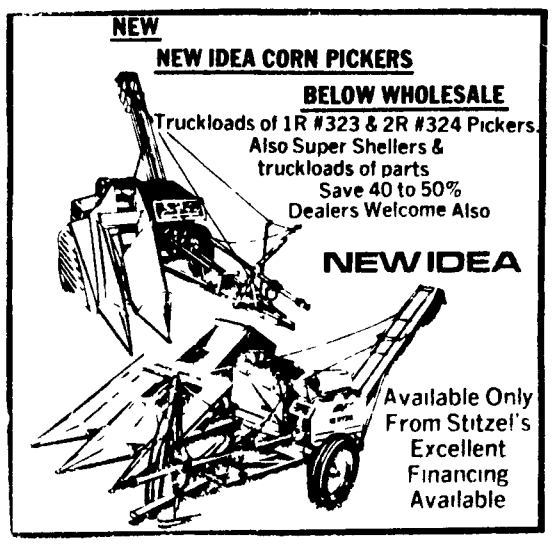
MISC. Long 445 D. w/4WD, Loader, good; M.M Vista G1000

TILLAGE EQ.: IH 800, 9x, auto reset, flex plow; Bush Hog 20' Hyd. Fold Disk.

AC 28' Hyd. Fold Disk; Ford 236, 9' Heavy Disk, like new; Glenco SS18 Fold Soil Saver; Farmhand 880 Big Tub Grinder; JD Planters 6R Cons w/Dry Fert.; 6R Cons./Liq. Fert.; JD 7000, 4R.

CORNPICKERS: (Used) 325-2RN w/8 or 12 Roll Husker, Shellers & Super Shellers; (Used) 324-2 RW w/ 8 or 12 Roll Huskers; Shellers & Super Shellers.

New **N.I.** 329 Super Sheller List $6700.00, Special $3,550.



C.H. & 15' grain for, $41,500; MF 550 D , C.A., low hrs.

55 Sq. B. w/Cab - Good; 55 C.S. sq. back w/cab; (76) 915 Dsl., C.A. Turbo Hydro; IH 715 Gas w/Cab & 810 grain for $5,500; 205 w/Cab & 10' G.H.; Gleaner N6 w/R.W.D. & 2 Heads.

('75) 510 D. Hydro w/Cab; **N.H.** TR70 C.A. Hydro; Gleaner (76) FD. w/C.A.- Nice; Nice; #90 Pull Type.

N.I. 702 & 705 Uni-Systems w/Full Eq.; 767 Super Chopper; NI 727 Husking Beds; NI 737 Husking Beds; N.I. 729A Shellers.

CORNHEADS: J.D. 843 LP, 643 LP, 443 & 444 LP, 343, 244, 243, (New) Only 1; 443 - $9,100; 313 (45), 205 (40) 234, 435; Late Model 643 & 443, like new; JD 643; 1 JD 443; 444.

I.H. 863, 844, 843, 833, 744, 227

A.C. GL 440, C440, A438

N.I. 330 - 3 RN w/Supershellers; 325 2RN w/Grinder.

JD 3020 w/NI 319 mtd. 12 roll picker, very nice; JD 237 mtd. picker.

PICKER: NI 311, 2R picker priced right.

Ford Blue, 1R side mtd. picker, real nice.

FORAGE EQUIP.: Forage Harvesters w/Choice of Heads.

J.D. 5440 S/P w/R.W.D. C.A. - Hydro; 5200 S/P w/R.W.D. C.A.; Hydro; JD 3R 30" & 3R 34 & 38" rows, like new; Silage heads & 7' hay pickup heads; 3800 w/Elect. Controls; 34.

N.H. 890, S717; NH 880 w/2RN C.H., real nice; NH 782 w/heads; NH 770 w/heads, 3 NH Super 717 w/1R C.H. $1,000; NH 718 w/1R or 2R C.H., NH open end hay pickup heads, 6', like new, $1,000; NH 890 w/2 or 3R C H , NH 890 2R Super Head; NH 890 direct cut head; NH 707 3 pt , 1R & PU head, good.

GEHL 1200 w/3R C H & pickup

GEHL 600 w/2R; IH 830 w/3RN & Pickup $3900.

FLAIL CHOPPERS: NH Used 38; NH 36

FORAGE WAGONS: 2 JD 716A w/roof & JD 1275 tandem gear w/heavy tubes & tires, new in '85, like new, $7,950; **N.H.** #8 w/roof, like new; New Pequea hay tedder, $1,285.

HAY EQ.: BALERS: J.D. 346T w/Thrower; NH 310 w/Thrower; NH 320 w/#70 Thrower, $5395; NH 420, real nice; NH 275 & 273T w/Thrower; **N.I.** 456 Round Baler; N H 851 Rd. Baler.

RAKES: Used NH 256 for $1,450; NH 260 & 258 w/dual hitch setup.

N.I. (New) 406 w/Dolly Wheel - $2,275.

J.D. 660 w/Dolly Wheel; New Deutz Fahr 17' Hay Tedder, $2,500; Used Grim 17' Hay tedder.

HAYBINES: (Used) 489, 488 Nice; (2) 479; 472 7' (Nice) like new; (82) NH 489, real nice; NH 477, 7' for $2,350.

(Used) M.C. 7E; N.H. 1034 Stack Wagon.

FORAGE HEADS: N.H. 717-S Direct-Cut for 770 & S717; 890 EN-2RN Snapper Head; 770-1R Snapper Head; 1, 2, & 3R Silage Head; NH 822, 2R for 770 or 890.

J.D. 8' Direct-Cut Head; 1, 2 & 3R Snapper Heads; 2 & 3 R Silage Heads, New & Used 5½' Hay Pickups; 7' Hay Pickups; 4-R Stalker Head - Real Nice; JD 243 C.H w/adapter plate; 3 JD C.H. harvester adapter plates.

I.H. 2 R.N Silage For 550-650

FOX 2 CSB 2RW - Snapper Head, 263-2 RW; 215-109 Hay Pickup; 476 - 7' Hay Pickup.

GEHL HA 400 Pickup.

PLANTERS: JD 12 Row Front Fold Full Equipment; (Used) 7000-6R Cons. Liquid w/No Till; 7000-4R Dry & Liquid; IH 800 Cyclo 8R 30" w/liquid Fert., insect, & monitor; JD 4R Cons w/Dry Fert & Insect.; JD 7000, 8R w/Fert. & Insect; JD 1240 plateless, nice.

I.H. 800 Cyclo - 6R w/Dry Fert.; Ins. & Monitor.

WHITE 5100 - 6R Drl w/Cult.

DRILLS: New JD 8300, 16x10 DD, $3,500; JD 8300 (Like New) 100 Acres; 21x7 D.D w/Soybean Att.

IH 510-16x7 S.D. w/Fert & Grass Seed; J D 8350 21x7 D D w/Fert. & Seed

New JD 28' Hyd. Fold Rotary Hoe Under Dealer Cost; Used 400-15'.

GRINDERS/MIXERS Brady 1050 Hydro Gr Mixer JD 400

IH 1150, nice

BLOWERS: NH 27; JD 6500, nice

TILLAGE EQ.: PLOWS JD 2 & 3x #845 Rollover; **I.H.** 5x16 Semi-Mount w/Spring Reset; **OLIVER** 546 - 5x16 Spring Reset; **I.H.** 720- 6x20 sp reset; I H 700 - 6x16 Spring Reset; **WHITE** 549-7x sp reset; **WHITE** 549 6x18 Spring Reset On-Land; J.D 7x; M.F. 6x on land hitch, (2) JD 4x16.

JD 8450-4B Rollover Plow.

CHISEL PLOWS: JD 14' w/Gauge Wheels; Brillion 12' w/gauge wheels & harrow, Brillion 8' & 9', I.H 55-12'. **DISCS:** Miller 10' Offset, Hutch Master 9' Offset Disk; JD 310, 13', JD BWA, 12; **A.C.** 25' Hyd Fold; JD 230, 20' hyd fold, JD 215, nice

MULCH TILLERS: Glencoe SS13 Hyd. Fold Soil Saver; J.D 1710 - 11', Krause 2800 - 14'.

CULTIMULCHERS: New Dunham Lehr 13' at dealers cost; JD 3 pt., 12' Mulcher.

PACKERS: (New) Brillion - 12'; (Used) Brillion 10, 12 ft.

CULTIVATORS: JD 4 row 3 pt. rear; Case 6 to 8R 3 pt. hyd. fold cult.; Littleston 4R field cult. **J.D.** 1000-25' - Hyd. Fold.

MISC: I.H. #2 & 7 Shank V-Rippers; Glencoe Soil-Finisher 12'9" - Like New; Howard 13' Rotavator.

INDUSTRIAL: CRAWLER LOADERS: JD 450B loader; A.C H-3 w/6 Way Blade, J.D. 840 Self Loading Scraper; Owatonna 1700 Skid Loader, Case 310 Crawler Loader; Case 584 D Fork Lift

AC 715B L & B ; Clectrac crawler w/blade; Long 1199A, 3 pt. Backhoe, w/hyd. pump.

LOADERS & BLADES: J.D. 58, 148, 158, 36; **IH 2350** 2355 (New); Used 2001 New Great Bend 700; NI Loader; (New) J.D. & I.H. Buckets; New Leon Heavy Front Blade for 4WD; NI 4R shredders; Brady 4R shredder.

LAWN & GARDEN: IH Cub 154, Cadet 682; JD 950 dsl., real nice; JD 400 w/loader, AC 620 w/Mower; J.D 400, 314, 317, 318, 300, 214, 212; 111

Trailer load of (New) Killbros Bins & Running Gears, Bestland Rock Picker, Ford 3 Pt 7 Sickle Mower; J D 350 Sickle Mower. (New) Sidewinder 213-13' Rotary Cutter; (New) McKee Snow-Blower Front-Mount; Tandem axle fert spreader; NI sq. axle fert spreader; JD Quick-Couplers; Sets Of Press Wheels For J.D. Drills; (2) New Sets J.D 38" Cast Whls & Rim For 4640; I.H. Flat Top Fenders For 706-1466; CABS For Tractors - J.D., I.H 66 Series; (New) Full Vision Cabs For M.F 165 Thru 1135; J D. & I.H Front & Rear Wts

J D & I H Roll-Guards, Fast Hitch for 560 & 450; JD belly mowers for JD 850 & 950 etc

Heavy Front JD blade for 3020 & 4020, etc , 30 sets of Dual Wheels.

STRAW CHOPPERS: For **J.D.** 4400, 6600, 6620, 7700; **M.F.** 510.

TRUCKS: I.H. Scout 4x4; **DELTA** 44' Combine Trailer; 1979 Polar AM 42' 6200 gal. milk trailer.

MECHANICS SPECIALS: TRACTORS: J.D. 4230 P.S. - Trans; 4020 Tri; 4320 w/Cab.

I.H. 1256 - Motorwork, $3,950

CASE 1410 - Motor

WHITE 4-150 4 whl , needs motor work, $4,950

OLIVER 1855, needs motor, $2,850, Oliver 1800 motor work, $1,950; ACXT190, clutch, $3,950; MF 1135 w/R.G., $6,950; JD 4520 w/Cab, $6,950; Farmall 1586 w/fire damage cab.

FEBRUARY SPECIALS

TRACTORS	
JD 2010 Gas Tri P S	$ 1 925
JD 4620 w Cab Good Cond	$ 9 500
JD 4230 Cab & Air Quad Range	$11 950
JD 4430 ROPS	$ 9 750
JD 6030 Cab & Air (175 HP) Nice	$12 950
JD 2940 w Hi Lo 2 Post R G	$12 500
I H 706 Gas Tri F H	$ 3 250
I H 606 Gas w Loader	$ 4 250
I H 1206 W F E	$ 5 950
I H 1468 V 8 C A (145 H P)	$ 5 950
A C 180 Diesel W F E Very Good	$ 4 950
M F 1100 Diesel w Multi Power	$ 3 750
M F 1135 w 2 Post R G	$ 6 950
Ford 9600 w Cab & Dual Power	$ 7 450
COMBINES	
J D 8820 Full Equipment 1100 hrs	$29 500
J D 6600 Gas w Cab (Needs Some Motor Work)	$ 4 500
I H 203 w 13 G H & 227 C H	$ 1 950
IH 76 915 D Cab & Air Turbo Hydro w 15 grain	$12 800
NH TR70 Cab & Air Hydro Good Condition	$11 750
M F 510 Diesel w Cab & Q T Grain	$ 5 875
TILLAGE EQ	
New Landoll 230 22 Hyd Fold Chisel List 11 000 +	$ 7 450
New DMI 12 Chisel	$ 2 350
Used Brady 1000 14 Chisel	$ 1 500
IH 48 Wing Disk 20	$ 2 250
Kewanee Wing Disk 20	$ 1 350
MISC	
J D 336 W Baler w Thrower Real Nice	$ 4 450
N H 280 Wire Baler w Motor	$ 995
Fox Super D Self Propelled Forage w 2RW Cornhead	$ 4 000
J D 7000 6R Fld e Plnte	$ 3 750
I H 400 Cyclo 6R Liquid Planter	$ 1 500
New B Hrs 3 Pt Disk	$ 575

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885, 4WD, ROPS
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244, 2WD
385, w/ROPS
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900 Cyclo planter, 4R
IH 4500 Vibra Shank
IH 5100 Grain Drill, 20x6
IH 4600 Vibra Shank
145 Rollover Plow

USED EQUIPMENT

IH 490 Folding Disc, 24' Well Maintained
NH 477 Haybine Excellent Condition
IH 674 Row Crop Tractor Exc. Cond 1900 hrs.

IH 181 Rotary Hoe
154 LoBoy w/Mower
IH 45 Baler
Case 230 Baler
IH 384
IH 1456 w/cab
IH 1256 Tractor
500 Crawler R/C
666 Farmall G, WFE
Farmall H
Farmall C
Farmall SC w/Cults
MF 82 Combine
Haines bulk bodies
Massey Harris drill 16x7
Potato planter
1R Potato Digger
Holland transplanter
JD 4400 combine w/grain head & corn head
#475 Disk 17' 5" 22" Notch Discs Used One Season
IH 710 3 Btm Auto Trip Plow, excel cond.
IH forage blower
IH 4 btm. semi-mtd plow
Haines Stone Pickers
(2) IH 234 Corn Pickers
IH 1150 Grinder-Mixer
IH 456 Corn Planters
IH 400 Cyclo Planter
JD Plateless Planter

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54 HP 4 Wheel
108 HP 4 Wheel, under $30,000

JD A
JD H
Farmall H
Used NH 851 Round Baler
Helix Grinder Mixer

AC 220 tractor & 6 btm. hyd auto reset plow
NI Uni System combine, 701, cab, grain & corn head
AC model F combine, 2 heads
JD 105 combine, 2 heads
JD 55 combine, 2 heads
Farmall Super M
Farmall 400
2 row 656 hydro Chisholm Ryder bean harvester & dump cart
1 row Pix All bean harvester
2 row sweet corn harvester

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Haines 246 Seed Cutter
(2) JD 2800, 7B Plows
JD 2500, 6B Plow
IH 720, 5B Plow
IH 12' Offset Disk
Case 16' Offset Disk
IH 24' Offset Disk
(3) JD 30 Potato Diggers
(2) JD Cultivators
Haines 24', 20', 18', 16', 14' Potato Body w/Grain Pan
Ford F800, 10 Wheeler w/14' Haines Potato Body
Brillion 20' Cultimulcher
Ford F800, 16' Potato Body
JD 335 Disk, 21'

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MF 1155 w/cab & air
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White 4 bottom reset plow
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COMBINES

IH 1440 Axle Flow Combine w/grain & 4R corn
JD 3300 Diesel Combine, rotary screen
IH 203 Combine w/grain & 2 R corn, $2500
IH 1440 Axle Flow w/1100 hrs, 28x26 tires, 13' flex head
AC Gleaner F Gas w/2 heads $5,875
1977 MF 510 Diesel hydro w/big rubber, air weights, grain saver & heads, just traded, real nice
JD 3300 gas, grain & corn head
1984 Gleaner F2 w/950 hrs 23x26 tires, 4RW of 4RN, 13' flex, real nice
1976 Gleaner L w/big rubber, 6R 30", 4R 38", 13' grain or 16' grain A-1 always kept in, $18,500
1977 JD 6600 side hill w/6R 30" & 14' grain
Massey 300 w/grain & corn head
1983 Gleaner F2 diesel w/black 4 row corn & black 13' flex grain head, 1,251 hrs, cab, air & radio
1977 MF 510 diesel, quick tach w/13' grain & 4 row 30" corn, cab & air & grain saver
1979 MF 550 dsl, hydro 13' grain & corn, $12,000
1976 Gleaner FKS dsl 13 black grain & corn head, real nice, $12,000
Gleaner F gas w/grain & corn, $6,000
MF 510 dsl, quick tach w/grain & 4 or 6R corn
Massey 82 w/grain & 2R corn, $1200
Massey 72 w/grain, $1200
MF 760 6 cyl turbo w/grain & 6R 30" corn, $14,500
Massey 410 dsl quick tach, cab & air, $4,000
2 C-2 Gleaners w/4RW for 4RN & grain head
Gleaner G, gas w/4R & grain head, $5,000
JD 4400 diesel w/rigid grain head, $7,500
IH 915 diesel, turbo, hydro w/grain & 4 or 6R head, $13,000
IH 403 hydro w/4R 30" & grain, $5500
MF 510 diesel quick tach w/grain, $5500.
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Your Choice $2500 Each

3 Case 600, 10' Grain & 2R Corn
2 IH 105 w/10' Grain & 2R Corn
2 JD 45 w/10' Grain & 2R
JD 55 w/12' Grain & 2R

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Hesston 10' hydro-swing center pivot hitch, $2850
IH 990 9', $1375
NI Rotobar Rake, $850
3 JD Rotobar Rakes, $450 to $675.
Gehl 9', $875
IH Wheel Rake, $625
NH 489 $3500
NH 474, 7', $3750
NH 256 Rake, $1250
IH Rake w/front dolley wheel, $785
NH 477, 7', $2150

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3 pt 6,7 & 8'
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DISC HARROWS

8,10,12 & 14' Wheel Disc
3 pt 7'
7 & 8' drag discs

GRAIN HEADS

8 10 11, 12, 13, 14 & 15'

PLOWS

IH 540 4 bottom 16'
IH 710 5 bottom 18" auto reset
JD F145 5 bottom 16"
2 IH 550 5 bottom 16"
Oliver 546 5 bottom 16"
JD 1350 4 bottom 16" swing hitch
(15) From 2-7 Bottom

TRACTORS

Oliver 1855 Tractor w/4WD
MF 1130 Diesel Tractor
Ford 5000 Tractor, late model
IH 444 Utility w/3pt
IH 560 Gas w/fast hitch
Ford 4500 Tractor w/loader
JD 3010 Dsl Narrow Front
Ford 860 rear wts & PS, loader & snow plow
JD 4010 Diesel $3,875
Farmall H, $750
Farmall H, $875
Farmall 400 gas, fast hitch & power steering
AC D-19 Dsl w/WF, as is
AC C w/Woods belly mower $1500
IH 1066 Dsl, cab, dual PTO, 3760 hrs w/complete motor overhaul, rebuilt injector pump, new oil pump, will show bills, $9500.
Farmall C, real nice, $1250
Ford 3000 Diesel, $4000
Farmall Super C w/hyd & pulley $975
Massey 1080 D, $4500
Massey Pony Pacer w/1R cult & 1 btm plow $1250
Farmall 560 Diesel $3450
AC D17 Diesel snap coupler $2000

WIDE FRONT ENDS

AC C
IH 340
Massey 101, 30 & 33
AC D17
AC D19
WD 45
WD
Farmall C or Super C, 200 & 230
Ford 6000 WFE

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IH 460 Industrial w/loader
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NI 2R 38" Pull Type
NI 701 or 702 husking unit w/2 or 3R corn head
NI late 323 1R
NI 324 2R 38" w/super sheller, used 1 yr like new, $3000
Oliver 73 2R 38" pull type $750
IH 1PR pull type $975
NI #7 1R pull type $700

SPREADERS

NH tank w/hyd lid
NI 213 PTO's

FORAGE HARVESTERS

NH self propelled w/2R & pickup head
IH 830 3R corn & pu head
IH #8 flail chopper
AC 720 2RN & pickup $750
JD 34 1R & pickup $875

MISC.

AC Road Grader, good running, new paint
Century 500 gal 12R PTO trailer sprayer, real nice
NH Flail Attachment for Baler to cut corn fodder $300
2 Gravity Wagons
IH fast hitch balanced head mower
Sickle bar mowers, 3 pt semi & trailer types
IH Loaders to fit C, Super C, 200, 230, H, M 300, 350 & 300 & 350 utilities
Ferg loader w/hyd bucket & front pump $650

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AC 7040
AC 7060
AC 7080
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AC 210
AC 185
JD 2840
JD 2240
Farmall 656 DH
Kubota 355 w/Loader
Kubota B7100 HSE w/RC6000 Mower
AC 6140 4WD w/Loader

MOWER CONDITIONERS

NH 1495 SP, 12' Hyd Gas
NH 469
NH 461
NI 279 Cutditioner
Hesston 1010

Open House February 11, 1987

BALERS

(2) NH 273 w/54A Thrower
NH 271 w/Motor
NH 320 w/58 Thrower
NH 846
NH 849SOLDd
NH 320 w/70 Thrower
NH 316 w/70 Thrower

FORAGE EQUIPMENT

NH 1895 w/4RN & WPU
NH 1890 Hydro C/A w/3RN & PU Head, 550 hrs.
(3) NH 822 Corn Head
NH 770 w/WPU
NH 28 Blower
NH 30 Blower
JD 5400, 3RN & WPU
Field Queen w/3RN, 2RW & WPU
Field Queen Standard w/3R Head
NH 900, 2R 30" Snapper Head

COMBINES

AC C II w/2 Heads
AC FKS2 w/430 Corn Head and 313 Flex Head
AC G440 Corn Head
AC 430 Head
AC 6RN Head for M2 Combine

MOWERS

NH 451
NH SOLDsc
NH 463 Disc
Triumph Sickle Bar

WAGONS

NH 1037 Bale

PLANTERS

AC 600, 4R, Air
(2) AC 600 4R no-till
AC 600 6R no-till
AC 333, 6RN

MISCELLANEOUS

NH 307 Spreader
Hub 48' Elevator
GilsoiSOLD, Blower
(2) NH 358 Grinder Mixer
NI 325 Corn Picker
AC 2500 Disk
IH Spreader
NH 90 Bale Handler
JD 220 Disk
Little Giant 36' Elevator
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AC 716 w/Mower
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AC 616 w/5' Mower & Dozer Blade
AC 811 w/Mower
AC 608
AC 312 w/Cultivator, Plow, Blade & Mower
Woods 1250 Front Runner
(2) Cub Cadet 782
Gravely w/Mower
JD 112
Kubota B5100E
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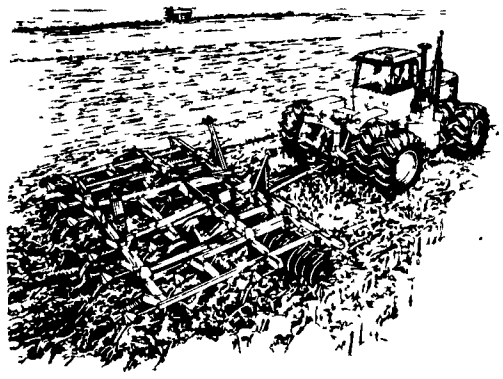

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Model 712 Mulch Tiller
11'3" - 9 Standards
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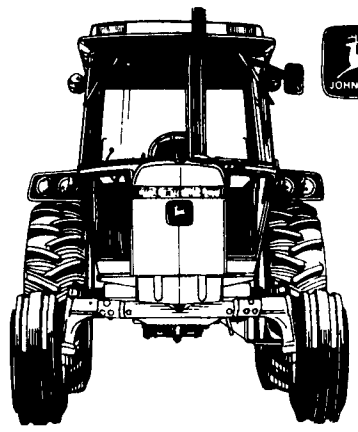

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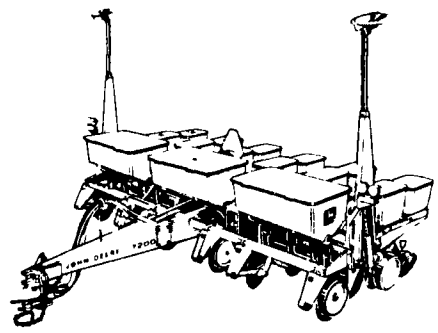

- MaxEmerge 2 is the new and improved edition of the famed Max-Emerge planter.
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- Reserve your planter now!

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John Deere's 95 Blade will handle many blading chores behind tractors up to 90 hp
Push snow, grade gravel, reshape ditches, move manure — the 95 Blade does all this and more. Simple manual adjustments for angle, tilt, pitch — optional hydraulic offset.

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JOHN DEERE 1219 MOWER CONDITIONER
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940 S-TINE FIELD CULTIVATOR

JD 940
13 Ft. Pull Type

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N.H. 355 GRINDER MIXER
21" Hammermill, 100 Bu. Tank
With "Weigh Command" Scales

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CASH DISCOUNT . . . . . -$325

$6,500

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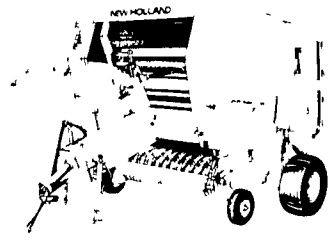
$9,985

Capacity Champ



With NH 855 Auto-Wrap® And All Popular Options

SALE PRICE. $13,025
CASH DISCOUNT. . . . . -$1,335
Good Through 2/14/87

$11,690

N.H. 472 HAYBINE 7 Ft.

SALE PRICE $6,750
CASH DISCOUNT . . . . . -$635
Good Through 2/14/87
* Hydraulic Lift Kit Included

$6,115

SPECIAL OPEN HOUSE PROGRAM

MARCH						1987
S	M	T	W	T	F	S
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31	-	-	-	-
-	-	-	-	-	-	-

Thursday, March 19, 1987

Mark Your Calendar

YOUR HEADQUARTERS FOR NEW HOLLAND EQUIPMENT

ABC GROFF, INC.

Founded 1890
110 S. Railroad Ave. New Holland, PA

Parts 717-354-4191
Sales 717-354-4731
Service 717-354-8004

USED EQUIPMENT

*** 8.8% Financing or Waiver of Interest**
Tractors 6/1/87 — Combines 9/1/87

TRACTORS

4534 IH 986
4722 IH 4568
6490 AC 7000
6482 IH 1586
4783 IH 886
4558 Farmall H
6541 Case 630
6536 IH 5488

COMBINES

*6443 AC L2
*3058 JD 7700 w/Chopper
*6512 AC A
*3784 IH 1440
*3882 IH 915
*3983 IH 915

TILLAGE

6403 JD 210 Disc 13'
4524 Ford 142 Plow 5x16
6103 Sunflower HB Chisel Plow 27'
3841 IH 540 Plow
3799 IH 370 Disc 13'
4659 Krause 4133 Field Cultivator
6325 Krause 1924 Disc 20'
4099 Krause 1966 Disc 31'
5054 Krause 2143 Disc 42'
5457 Krause 2413 Disc 23'
4667 JD 12 Shank Chisel Plow
5561 JD 210 Disc 13'
6545 IH 140 Rollover Plow 4x16
5419 JD 22 Shank Chisel Plow
5534 Glencoe Soil Finisher 20'
4773 Glencoe 12 ft. Soil Finisher
3301 Wilrich Field Cultivator, 37'
4092 Miller 20' Offset Disc
4587 Brillion 16' Field Cultivator
6494 Brillion 21' Crowfoot Packer
6721 Brillion 34' Crowfoot Packer

MISCELLANEOUS

6547 JD 15' Shredder
4537 JD 400 Gal Sprayer
6531 IH 1190 Mower Conditioner 9'
6334 Gehl 1500 Round Baler
6516 IH 40 Shredder
5487 NH 280 Baler
3561 NH 495 Haybine
3837 NI 245 Manure Spreader
3900 John Blue 1000 Gal. Sprayer
4613 IH 60 Shredder
4887 Rhino Flex 15 Mower
6615 JD B 7x18 Drill

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HOOBER EQUIPMENT INC.
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NEW HOLLAND

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New Tripoli, PA
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Mon -Fri 7 30 A M -5 00 P M
Sat 7 30 A M 12:30 P M

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Quakertown, PA
(215)536-1935 or 536-7523
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Sat 7 30 A M -4 00 P M

BRANCH
Lobachsville, Oley, PA
(215)987-6221 or 987-6257
Mon -Fri 7 30 A M -5:00 P M.
Sat 7 30 A M -12 30 P M

Charlie says, "SPRING IS ON THE WAY!"

So think ahead now, we have many different size and price used tractors and implements to get you into the fields this spring. Come in, one might be yours!

TRACTORS

JD 4020 w/Power Pack
JD 4020 D w/WFE
JD 4010 D w/WFE
JD 3010 D
JD 3010 repainted
JD 720
JD 60
Farmall 460 D
Farmall 400 G & D
Farmall C
Ferguson 50 w/loader
Oliver 1855 D, new rubber
Oliver 1550
Oliver 500 D
AC 7080 D w/cab, air/heat, excell!
AC 7060 D PS w/cab, air/heat, only 1400 hrs.!
AC 7050 D w/cab, air/heat
AC 7030 D w/cab, air/heat
AC 7000 D w/cab, air/heat
AC 6080 D 4WD w/460 Loader, like new
AC 6140 D w/front end loader
AC 190 D, excellent!
AC 185 D, excellent!
AC 180 D
(2) AC D19 D
AC D19
AC D17 D
AC WD w/loader
AC WC
AC CA

COMBINES

JD 3300 Cab w/Air & Heat, 10' Grain Head, 238 Corn Head, excellent
JD 45 w/both heads
1978 AC Gleaner M2 D w/cab, air, 13' grain & 430 corn heads.
AC Gleaner M D w/hydro, 13' grain & 438 corn heads.
(1977) AC Gleaner F2 D w/13' grain & 438 corn heads.
AC Gleaner E w/cab, 10' grain & 238 corn heads.
AC Gleaner F w/cab & both heads.
IH 315 w/cab, grain & corn heads.
MF 750 D w/cab, air/heat, & 630 corn head.
NH 975 Gas w/cab & both heads
NH 890 R2 Snapper corn head
NI Uni-System 701 w/710 power unit, 10' grain & 2-row wide corn heads
NI Uni-System 702 w/717 combine, 4-row corn head
NI 702 Power Unit w/727 Husking Bed & 724, 3RW Corn Head, excellent
NI 323, 1R Picker, like new
NI 323, 1R Picker
JD 346 Baler Wire Tie, w/Kicker & Excellent

MISC.

Behlen Grain Dryer w/engine
MF 246 Loader w/80" Bucket
Weaverline 224 Silage Cart, 30 BU., w/automatic charger, rebuilt!

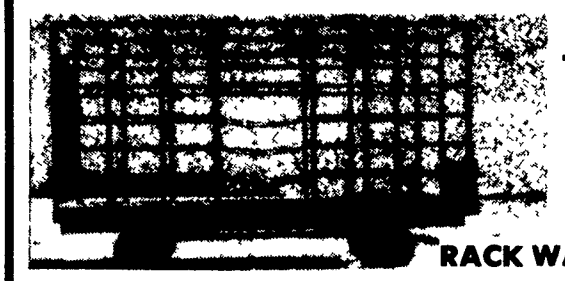
TILLAGE

Oliver 6B Plow, semi-mount
Ford 3B Plow, 3 pt.
Brillion 961 8' Seeder, pull type
IH 11 Shank 3 pt. Field Cultivator
JD 16' Cultimulcher
Leinbach 6' Disc, 3 pt.
IH 9' Disc, pull type
JD 1000 12' Disc w/Trans. Harrow
JD 9' Transport Disc
JD 17 Disc Grain Drill

MANURE SPREADERS

NH 676 w/hyd. endgate, 320 BU.
NH 675 w/endgate, 300 BU.
NH 518, 220 BU.
NI 214, Liq. pan, 210 BU. A-1!
NI 218, w/hyd. Endgate, Tandem, 300 bu.
(3) NI 213, 177 BU.
IH 550 w/endgate, 200 BU.

ANNUAL NEW TRIPOLI OPEN HOUSE
February 20, 1987 - 10 a.m. to 4 p.m.
Watch for our full page ad in next weeks issue
Don't Miss It!!!



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RACK WAGONS

18'x8' beds, 16' and 20' also available. Beds are made of oak wood; racks are made of 2" sqare tubing; door in back will swing both ways; two 4' side openings. Will build on your gear or sell you a gear and bed. Call for more information.

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- VH4D 30 HP ..... As Low As $1,450
- W21230 25 HP ..... As Low As $1,200

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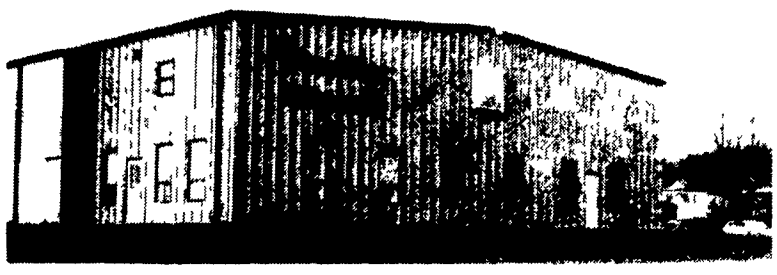
Diesels from 2 cyl., 5 hp mini-diesels to 360 HP turbo and charge-air cooled large engines. Tremendous model concentration in 5-150 HP range. Choose the best engine for your application; conservative power for continuous stationary applications or high speed, high performance diesels for portable equipment. 3000 RPM capacity to 150 Hp range.

Gas engines from 33 CID 3-cylinder engine to 181 CID V-6 engine, from 15 HP to 90 HP.

Call Harold Stauffer, Tony Stauffer or Ron Engle for professional consultation about your power application needs.



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Special low introductory prices on our two factory container shipments. Special prices limited to selected introductory engines - 30 to 311 HP diesels. Call or write for our price list - don't miss out.

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We Are Professional Industrial Engine Distributors Offering One-Stop Engine Sales And Support Services. Mitsubishi Dealerships Available In PA & Adjoining States. Call For Dealer Nearest You. OEM Prices Available To Manufacturers

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USED EQUIPMENT

MF 205 Combine
Farmall 340 Trac
White 2-135 Tractor
MM 670 Gas Tractor
Haybuster 1068 No-till Drill
White 281 10' Offset Disc Harrow
Century 200 gal 3 pth weed sprayer, 35' Boom
18' Hydraulic Fold Field Cultivator
18' Brady Hyd Fold Chisel Plow
JD 3B 16" Plow
Athens 10' Chisel Plow, 3 pt
White 5400, 4R No-Till Planter
White 543, 4R Corn Planter
Ford 2 Row Cultivator
Fox 728 2R Corn Head
NI Rotary Cutter
NH 512 Manure Spreader
White 271, 23' Disk Harrow
Brady 722 Flail Shredder
Hesston 7150 Forage Harvester
Westfield 31'6" Auger
Glencoe Field Cultivator
Better Bilt 1100 Gal Liquid Spreader
Ford 501 Mower
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Woods 12' Flail Shredder

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JD 755, 2WD
JD 655, 2WD & 4WD
JD 855, 2WD
JD 1250, 2WD
JD 2150, 2WD
JD 2550 2WD
JD 3150 MFWD, SG
JD 4250 MFWD, SG, PS

PLANTING EQUIPMENT
JD 7000 Cons. Pltr. 6R
JD 71 Flex Planters

TILLAGE EQUIPMENT
JD 2800 5B Plow
JD 215 11'5" & 12'10" Disc
JD 1610 Chisel Plow
JD 712 Mulch Tiller, 13'

HAY TOOLS
JD 1219 Mower Conditioner
JD 327 & 347 W Baler
NH 316 Baler
JD 660, 670 Rakes

OTHER EQUIPMENT
JD 1065, 1075 & 1275 Wagon
JD 716A FG. Wagon

USED EQUIPMENT
White 2-105 Tractor
IH 966
IH 706
AC 200 w/Cab
Long 445 Tractor
JD 16' Grain Platform
Fox 3000 Fg. Harv.
JD 346T Baler w/Thrower
JD 336 Baler w/Thrower
NH 310 Baler w/Thrower
NH 268 Baler w/Thrower
NH 311 Baler w/Thrower
JD 4400 G Combine
JD 444 Corn Head
Ford Sickle Bar Mower
Kuhn 6' Sickle Bar Mower

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JD 310A, 1979, Tag 1936 ..... $19,000

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SKID STEER LOADERS

1986 Bobcat 743D $12,000
Bobcat 610 60" Bucket, Floats, No Rops, Tag 5114 ..... $4,000
Bobcat 943 w/78" Bucket 219 Hrs., Tag 7179 ..... $27,500
Bobcat 975 w/84" Bucket 122 Hrs., Tag. 7256 ..... $33,000

TRACTOR

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BOBCAT SCRAPER

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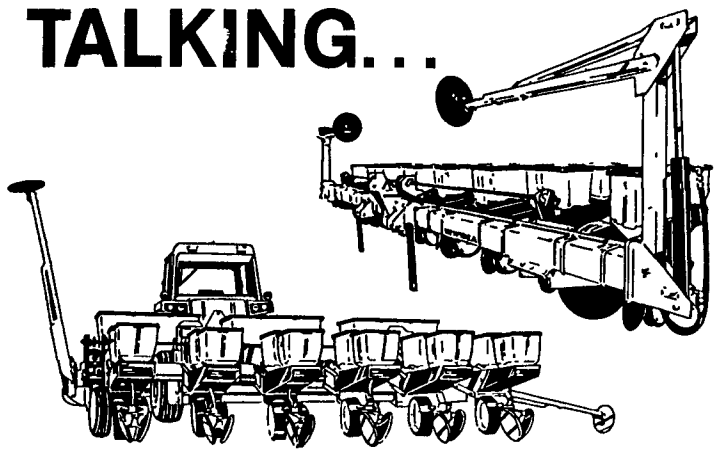
EVERYBODY'S TALKING...



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- Single-frame trailing and fully mounted models
- Accurate row units
- Many attachments in stock

We're now taking orders. But hurry. At these prices availability is limited.

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4 Row Double Frame Narrow, equipped for no till corn planting - $8,900
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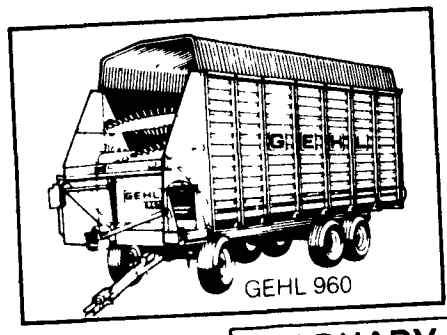
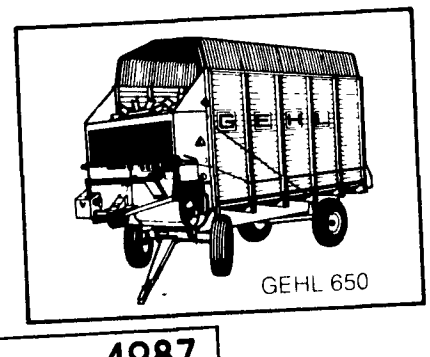
Mark your calendar... it's worth money!


GEHL 960


GEHL 650

FEBRUARY						1987
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4" Moldboard Shovels.....	$18.80	$14.50
16" Complete Plow Bottom for Case Plow.....	$475	$155

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We have the correct filter for your Case tractor, Case IH equipment, and International equipment

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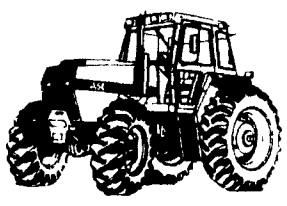

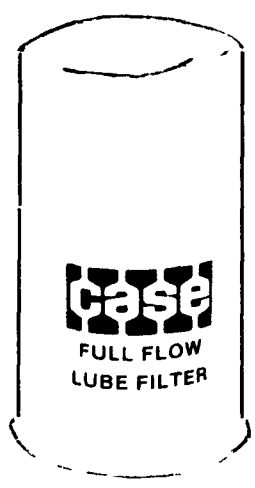

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USED EQUIPMENT

TRACTORS & LOADERS

Case 930	JD 2640
Case 1070 ROPS	Case 1740 Uniloader
Case 2090 Cab	Case 580C Loader
IH 1066 Cab	Bush Hog 3400 Loader

CORN PLANTERS

IH 400 4R, 6R	JD 1240 4R
AC 600 6R	JD 7000 6R
JD 494A 4R	

MISC. EQUIPMENT

763 Row Crop	JD 5 Bot Plow
838 Uni Husker	JD 400 Grinder Mixer
Bush Hog 10' Mower	NH 8 Forage Box
Gehl 1580 Blower	OMC 217 Mower Conditioner
Mechanical Trans planter	Gehl HA900 Hay Head
IH 241 Round Baler	Case 10T Chisel
Gehl CB600 Harvester	

MANURE SPREADERS

NI 224	NH 790
NI 214	Badger 1500 Gal Tank
NH 675	

3 BIG DAYS OF SAVINGS

Feb. 18, 19, 20

USED TRACTORS
JD 4010
JD 3020 Side Console
Ford 5000 Gas, 8 Sp.
Ford 7700 w/cab & Air
Ford 3600 Dsl. 8 Sp. w/P. Steering
Ford 3600 Gas, 8 Sp, P Steering
Ford 4000 SU, Gas, Very Nice
Ford 601, 5 spd., power steering
Ford 7700 4WD w/Cab & Air
Ford 7700 4WD w/Cab & Air, w/Ford 777F Loader
AC WD45
Oliver 880, power steering
Oliver OC4 Crawler Loader, very nice
JD 158 Loader, nice

USED EQUIPMENT
JD 3800 w/Both Heads
JD 3960 w/Both Heads
NH 770 w/Both Heads
NH 707 3 pt. chopper
NH 890 w/Both Heads
NH 718 w/Both Heads
Gehl CB600 w/2 row
NH 845 small round baler
Gehl 1400 Small Round Baler, Very Nice
NH 276 baler w/thrower
NI 325 Super Sheller
NI 325, 2 RN, 12 Roll Bed
Oliver 4-16 ST plow
Oliver 4-16 AR plow
White 5x18 AR Plow
White 508, 4-16 Plow
Gehl 710 forage box
NI 213 Manure Spreader w/Endgate
NH 474 Haybine
NH 477, 7' Haybine
JD 660 Rake w/Dolly Wheel
NH 256 Rake w/Dolly Wheel
NH 258 Rake
Gehl 910 forage box

Call Norm or Mark at

Norm Shores & Son Tractor
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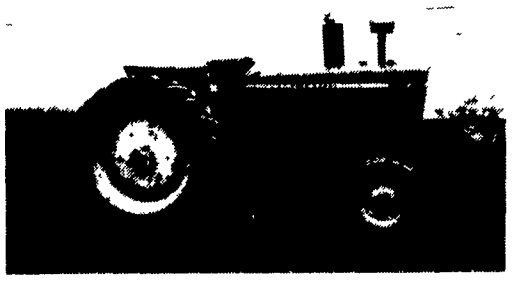
LORLIN TRACTOR SALES



JD 2030 DIESEL
60 HP, High-Low, 75 Model, Wts.,All Original
$5,500

JD R w/Pony Motor	$3,500
JD 4020, Diesel, WFE	$5,400
IH 1466, Dual, PTO	$6,500
JD 4320, '72 Model	$6,500
IH 1086, Cab, Digital	$10,500
JD 4430, SGB, PS, Duals	$11,500

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IH 666
Set of 12.4x28 8 Bolt Dual Wheel Attachments For IH Utility Tractors
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USED TRACTORS
IH 424 utility tractor, very nice condition
Farmall 856 cab, 3 pt., WFE, 3,800 hours, radial tires, excellent shape
Super MTA, good solid tractor with power steering, TA rebuilt
Farmall 856 Diesel, Wide Front, 3 Pt. rebuilt TA, good tractor
Farmall 966, 1975 Model, Diff. Lock and Clutch Assist, Cab and Air, Good Solid Tractor.

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We buy and sell used parts and parts tractors. We have a good selection of quality used parts at competitive prices Please have part no. when calling, if possible

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COMBINES

JD 7720 4WD, 2400 Hrs. 216 Flex Cutter Bar, 643 C.H.
JD 7720 w/4WD, 1,830 Hrs. w/JD 220 flex cutter bar, and JD 843 corn head
JD 7700, 15' Platform 1971
JD 7700 Gear Drive, Rotary Screen, 15' Cutterbar, 1975
JD 6600, Gear Drive, 14' Cutter Bar
JD 4400, 1977, Rotary Screen w/215 Flex Cutter Bar

TRACTORS
'75 JD 2630
'71 JD 4620, Cab, Dual, 20.8 Tires
'73 JD 4430, Cab & Air, QR Dual 18.4x38
IH 184 Low Boy w/60" Woods Mower

TILLAGE
15' Ford disc harrow w/dual whls.
JD F145, 4 btm. semi plow
Ford 4 btm. 16" mounted plow

PLANTING EQUIPMENT
JD 7000 Front Fold No-Till Coulters, Liq. Fert.

MISCELLANEOUS
JD 35 Harvester w/2 RW Head
JD Rotary Hoe 3 Pth.
Century Recycling Sprayer
Hesston Round Baler 5600
JD 336 Baler
IH 3 pt. hitch sickle bar mower

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Eckroth Bros. Farm Equipment

case IH

RD 2 Box 24A, New Ringgold, PA 17960
717-943-2131
7:30-5:30 Mon.-Fri. 7:30-4:00 Sat.

USED EQUIPMENT

USED TRACTORS
MM G-900
JD A w/cultivator
JD M SOLD w/Cultivators
Farmall 656 Hydro
Case 1270
Ford 9N
MF 235 Tractor
IH 444, Gas
IH 684, Nice
IH 1 SOLD /Cab

USED COMBINES
Int. 1440 Combine
Int. 715 Diesel SOLD w/4 row narrow head, nice
MF 750 w/grain head
Int. 715, late model

USED EQUIPMENT
Int. 710 5 F Auto. Reset Plow
Int. 720 5F Plow w/On Land Hitch
Int. 720 6F Plow
Int. #56 Blower
Int. 440 Baler w/Thrower
900 Badger Blower
IH 510 16x7 Comb. Grain Drill
13' 3 Pt. Chisel Plow
JD 214 Forage Box
Mengle Chopper

NEW GEHL EQUIPMENT
960 Forage Box w/roof
1540 Forage Blower

Open House
February 26, 27, 28

STOUFFER BROS. INC.

1066 Lincoln Way West Chambersburg Pa
Phone 717-263-8424

SPECIAL FEBRUARY PRICES ON NEW CASE BACKHOES
Several 480E and 580 Super E Backhoes (2WD and 4WD). Contact Us For Special Deals.

TRACTORS
Case 1190
Case 800
SAME Leopard 85, 4WD, with Cab Enclosure
Kubota L-1500 & L-2000, Both Completely Reconditioned

BACKHOES
Case 580C Backhoe w/Roll Frame

SPREADERS
Farmhand Hawk Bilt 357

LAWN & GARDEN
IH Cub in excellent condition with 1 bottom plow, set of cultivators & snow plow. New Rubber
Cub Cadet 125
Case 444 w/44" Deck & Snow Blade
Case 220 w/38" Mower And Snow Blower
Case 646 w/Loader—Exc. Cond.
Gravely 812 w/Mower, Rototiller, Snow Blower & Blade

SKID LOADERS
Case 1845B Skid Loader Ex. Cond., 1984 Model
Gehl 4500 & 4600
Mighty Mac Skid Loader
IH 4140 Skid Loader
IH 3300 Skid Loader
Case 1830 Skid Loader

Sales, Parts And Service For...
★ CASE UTILITY ★ GEHL ★ VICON ★ WFE
★ KUBOTA ★ HESSTON ★ SAME

FOR SALE

1985 Ag Chem 1664 Terra-Gator with 1550 gal. SS liquid system, foam marker, 65' booms and air check valves. New leader L3020 dry box for wet lime and fertilizer unit is in excellent condition with 500 hrs. on it.

1983 Timpte 42' 8" hopper trailer with gear boxes on doors

Walsh 3 pt. 300 gallon sprayer with 24' booms, hand gun and centrifugal pump, brand new

John Blue 1,000 gallon aluminum nurse tank

John Blue 1,250 gallon mild steel nurse tank with sprayer tube

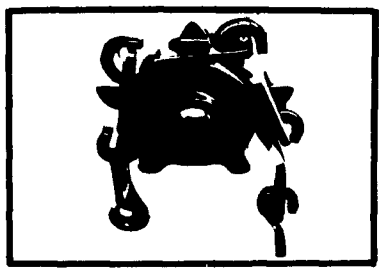
Raven 1,000 gallon Poly nurse tank with steel skid nails & frame under it, brand new

Myers 8' snow blade with mounts and cylinder for tractor

(6) Yetter deep placement fertilizer coulters with liquid or dry knives

(6) Acra plant trash whippers wiht parallel linkage to mount on John Deere, Kinze, or New Idea Planter

717-235-3004 or 717-428-3037



Are you having problems with your old worn chain.
We offer a 5 tooth oversize sprocket, to fit Berg, Patz and any other hook and eye chain.

Phone: 717-933-4646

For Sale Tanks - Irrigation

New and used polyethylene storage and transport tanks - irrigation pipe and supplies. Used 1000 - 2000 - 2250 gal. tanks. See the new 1000 gal. horizontal tank with molded base, easy truck or trailer mount. New for 1987 2500 gal. tank. Used irrigation pipe 2"-3"-4"-5"-6". New and used pumps and travelers. Let us find your irrigation equipment needs for 1987. Specializing in liquid manure irrigation. We can supply your 1986-87 fertilizer needs with Alpine Plant Food, Liqui-Cal, Sulfur, Micronutrients and Biologicals. Manufacture to farm is our goal. You save when you call **(717) 264-3515 or 264-7492.**

Frey's Dairy Garage
1308 Spring View Drive
Chambersburg, PA 17201
Adin L. Frey - Over 20 yrs. on the farm experience with irrigation.

Leyland 802 tractor w/Allied Model 660 hydraulic bucket, $8,250
Leyland Model 270 tractor w/Allied Model 700 hydraulic bucket, $5,800
3 row mechanical transplanter units, model 4000, like new condition, $900 per unit
JD 16A flail chopper, used 2 seasons, $2,600
NH Model 890 chopper w/2RN corn head and hopper w/auger base unit for high moisture ear corn, $3,800
NH Model 880W pickup head, like new, $1,200
NH Model 27 blower, $750
Hesston PT10 haybine, $1,000
JD 125 chuck wagon on JD running gear, $1,200 ea.
Gehl BU910 forage wagon w/unloading extension on NH running gear, $1,350
NH Model 679 tandem manure spreader w/hydraulic end gate, $3,000
NI single beater manure spreader, model 217 w/new chain, $800

717-587-1725
Lackawana Co., PA

Larry's Tool Outlet
American made name brand tools at savings to 80%.
Open Thurs., Fri., Sat.
11 a.m. - 8 p.m.
431 Harrisburg Ave.
Across from Adelphia Seafood
717-394-1400
After Hours **392-3392**

Let's Jump Into Spring With Our Pre Inventory Sale
10% Discount On All Parts In Stock. Cash Only.
Big Discounts On All Equipment In Stock.

NEW EQUIPMENT

Hedlund Martin Scavenger Manure Spreaders
MF 1010 Tractor, 4WD, 16 h.p.
MF 1035 4WD Tractor, 31 h.p.
Vicon Fertilizer Spreaders
Husky Chain Saws
Pequea Woodsman Saw

USED EQUIPMENT

MF 165 gas tractor
MF 285 Tractor
MF 124 Baler
MF 1014 Loader w/48" bucket
IH 666 Tractor
Hardy TR500 Sprayer w/45' boom
3 pt. 5' Seeder
JD Grain Drill, single disc, 13 run

Low Financing Available

Radio Dispatched Service
Renting skid steer loaders.
We service all makes of equipment

ANNUAL CONSIGNMENT SALE
MARCH 7th
Call For Details!

ABRACZINSKAS
Farm Equipment, Inc.
RD1, Catawissa, PA.
717-356-2323
(1 mile south on Route 42 on top of the hill)
MASSEY-FERGUSON
Where farmers' ideas take root.

SMITH'S IMPLEMENTS, INC.
Rt. 16 West of Mercersburg, PA
717-328-2244
717-328-2226
JOHN DEERE

USED EQUIPMENT

JD 54 Spreader w/Top Beater, good cond.
MF 65 Tractor, Diesel, Very Clean
Case 1570 Tractor, very good condition Priced below Dealer's Cost
MF 410 Combine w/4 RW Head
JD 4400 Combine, Dsl. Engine w/Both Heads
Papec Harvester w/PU Head, 2R C.H., 2 R Snapper Head
JD 7000, 6R Conservation, Loaded, Dry Fertilizer
JD 7000, 4R Planter w/Frame Mtd. Coulters
JD 7000 4 RN Corn Planter
JD 1240, 4R Planter, $750
JD 494A Planter, $500
IH 400 Cyclo 6R Planter w/Liq. Fert., Insect. Attach., Hyd. Markers, Monitor $3,000
IH 400 Cyclo 6R Planter w/Dry Fert., Insect. Attach., Hyd. Markers, Monitor, Hydraulic Driven, $3,000
Case 140 spreader, top beater, good cond.
JD 3B Hydraulic Reset Plow
JD AW Disk
JD 520 Sprayer
JD 213 Grain Head

Ask about finance program on new & used equipment.
Check On Waiver Of Finance Available On All Our Machinery

STRALEY FARM SUPPLY, INC.
1760 East Canal Rd.,
Dover, PA. 17315-3699
(717)292-2631 or (717)292-4443

Kubota M7950 DT 4x4
Kubota- L4150 DT 4x4
Kubota- L3750 DT 4x4
Kubota- L2550 DT 4x4 Turf Tires
Kubota- B8200 Hst 4x4
Kubota B7200 DT 4x4 w/Loader
Kubota- B6200E 2 Whl w/Mwr Deck
Kubota- G5200 Hst w/Mower Deck
Kubota G4200 Hst
Ford- 655A T L B 4x4 w/Cab
Ford- 555B T L B 4x4 w/Cab
Ford 555A T L B 2 Wheel w/Cab
Ford 340 T L B
Ford- 6710 4x4 w/Cab
Ford 6610 2 Wheel w/Rops
Ford- 4610 Orchard 4x4 w/Rops
Ford 4610 Stand 2 Whl w/Rops
Ford 2910 4x4 w/Rops
Ford- 2810 4x4 w/Rops
Ford- 2110 4x4 w/Rops & Loader
Ford- 1910 4x4 w/Rops & Loader
Ford 1710 2 Wheel w/Rops
Ford- 1510 4x4 w/Rops
Ford 1310 2 Whl Syro, Turf Tires
Ford- 1210 4x4 w/60" Mid Mt Mwr
Warner Swasey Forklift, Model 1600, 12' lift
JD 350 Crawler
Cat 1150 Crawler
General 12 Ton Trailer

5¾% Financing
Special Discounts & Factory Rebates.
Call For Prices!

Public Sale Mar. 7th
Watch For Sale Bill

DEUTZ ALLIS

NEW TRACTORS & EQUIPT.
Deutz DX 4 70, 85 HP, 15F/5R trans, cab (Demo)
Deutz-Allis 6275, 73 HP, 12F-4R trans, Dual Remotes

SPECIAL OF THE WEEK
HD 1209
Mower Conditioner
$2,995

Deutz-Allis 6080 84 HP 12F/3R trans, cab
Deutz-Allis 5220, 21 HP, 12F-4R trans, turf tires
SM40CR Mower-Conditioner
HD 490 Square Baler w/Thrower 23T per hr
KH-500 17' rotary tedders
KH-300 9'10" rotary tedders
KS 85DN 9'10" rotary rake
KS-150AS 10 10" rotary rake

USED TRACTORS & EQUIPT.
DX 160 Radials, Cab, Air Heat
MF Ind Tractor & Loader Shuttle Shift, $5,900
IH 656 Dsl, Cab, 15 5x38 tires
MF 65 Tractor Mechanics Special
NH 850 SOLD round baler, excellent shape
JD 1209 mower conditioner, stub guards $3,500
Deutz Basic F2L-912 Rebuilt Exchange Engine w/warranty $1,620 Block & Crank Must Be Rebuildable

Stauffer Diesel Inc.
RD 3, Box 659-B
Pleasant Valley Rd.
Ephrata, PA
PHONE 717-738-2500

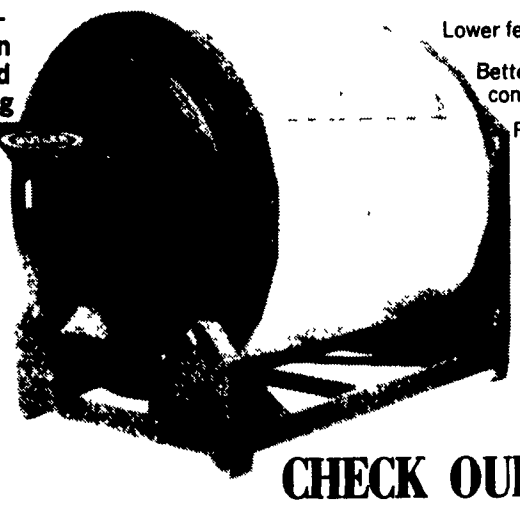
NEW

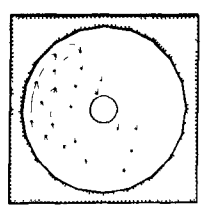
BUTLER® | Livestock Systems

"POLYGON" ENSILMIXER®

The proven management and production tool for a Total Mixed Ration (TMR) feeding program provides:

Lower feed costs
Better feed management + controlled feed program
Rapid and thorough blending and mixing
Waterfall action





The only "polygon" mixer—NOT ROUND—featuring exclusive waterfall mixing action! Superior to all other round designs

Increased milk production Faster weight gains Healthier cattle More profit

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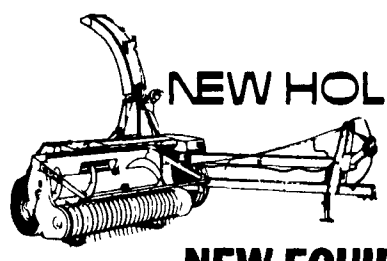
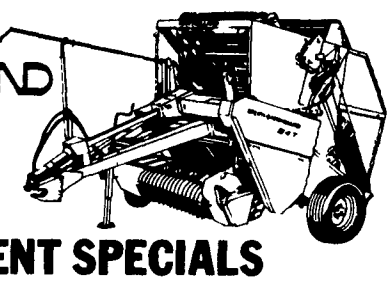
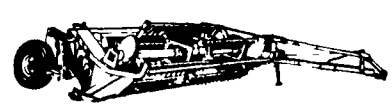
NEW HOLLAND

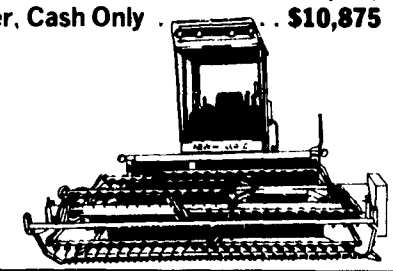




NEW EQUIPMENT SPECIALS

NH #320 w/#70 Thrower ..... Call
NH 489 Haybine ..... Call
NH 499 Haybine ..... Call
NH #770W Pickup Head $1,925
NH 234 Wagon w/adj. Tongue, 13.50x15 Tires $895
NH 411 Disc Mower-Conditioner, Cash Only $10,875





CHECK OUR STOCK — CALL TODAY

DEPENDABLE MOTOR CO.

East Main St., Honey Brook, PA 215-273-3131 or 215-273-3737

DEPENDABLE IS MORE THAN OUR NAME

USED EQUIP.

JD 4630 Tractor w/Cab
JD 4020 Side Console WF, Dual Wheels
JD 2640 Tractor
JD 2440 Tractor
JD 1020 Tractor
JD 650 Tractor
JD 520 Tractor
JD 300 Tractor w/Loader
IHC 856 Tractor
Case 770 Tractor
JD 24T Baler w/30 Ejector
JD 7000, 8R Folding Planter w/Liq. Fert.
JD 7000 4R Conv. Planter w/Liq. Fert.
JD 7000, 4R Planter w/Dry Fert.
JD 7700 Combine
JD 7700 Combine w/640 C.H. & Platform
JD 6600 Side Hill Combine w/444 Corn Head
JD 3800 Chopper
JD 38 Chopper
JD 34 Chopper
Bush Hog 160 Rotary Mower
JD 925 Roller Harrow
JD BWA Disk
JD 35 Chopper
JD 7000, 6R Cons. Planter
NI #323 1 R Corn Picker
JD 510 Round Baler
JD 27 Shredder
JD 640 Rake
JD 660 Rake
JD 1217 Mower Conditioner
JD 1219 Mower Conditioner
JD 33 Manure Spreader
JD 1450 5 btm. Plow
JD 1450 4 btm. Plow
JD 350 5 btm. Plow
(2) Used Hay Wagons
(1) Used Hay Wagon

ENFIELD EQUIPMENT INC.
Whiteford, MD 21160
Ph: 301-452-5252

DRAG IN THE PROFIT

Make your tractor a productive forest machine with a Farmi Logging Winch. Your tractor and the Farmi Winch is a low cost solution for winching in and skidding out your firewood, pulpwood and logs.

FARMI MODEL	LINE PULL	TRACTOR SIZE
JL300	6600 LBS.	17-30 HP
JL400	8820 LBS.	20-40 HP
JL500	11025 LBS.	40-60 HP
JL600	13230 LBS.	60-150 HP
JL60+	17640 LBS.	100-200 HP

The winches fit any 3 point hitch. Several logs can be winched in at one time. The cable is locked when the logs have been winched to the tractor. The 3 point hitch is raised to lift the logs off the ground when the logs are transported to the landing
We also sell studded tire chains for farm tractors and log skidders like the ones pictured on the tractor above They are made of Baron steel so they wear much longer than regular chains

Free delivery on all winches.
Farmi Winches and tire chains are sold and serviced by:

Donald G. Laidig
6437 Ebenezer Road
Orrstown, PA 17244
Phone: 717-532-4045

1500-gal. Tank Will Load in Approx. 1½ Min.

Check These Outstanding Features on the SLURRY BUGGY

A liquid manure spreader that loads and unloads and has no chains, bearings, fans, augers, or moving parts that touch manure.

- Tanks are made of 5/16 thick metal
- Large air-cooled vacuum pump
- Pump has not only a primary trap but also a large secondary moisture trap
- Pump has an air precleaner
- A 6 inch hydraulic operated brass valve for unloading
- Has 3 different manure spreading patterns
- Tank has a float level indicator and signt glass
- A 20 inch rear manhole for easy access to tank
- Priced at $5 625

Optional Features:
Heavy Duty tool bar with tooth spring loaded injection
6 inch side valve large flotation tires

Farmers. rebuild your tanker with one of our new pumps (192 cfm @ 10 HG)
$1,275

We have 6" and 8" Tapered brass valves for your Liquid Manure Handling Needs

SLURRY BUGGY EQUIPMENT
R.D. 2, Box 148 Ephrata, Pa. 17522
(717) 859-3869

FORRESTER FARMS

1337 Lincoln Highway East
Chambersburg, PA 17201
Phone: 717-263-0705
Sales - Parts - Service

Ford 8N
(2) Ford 2000
Ford 2000 Gas w/front blade
Ford 2910
(2) Ford 3000
Ford 3000 Gas
Ford 3600, 1981 w/PS
Ford 3600, 1981, low hrs.
Ford 3910
Ford 4000 1966
Ford 4000 SU, Gas
Ford 4100
(2) Ford 5000
Ford 6600, 4WD
Ford 6610
Ford 7000
Ford 7600 w/DP
Ford 8200, 4WD w/cab
Ford TW20, cab & air
JD 1630
(4) JD 2130
JD 3130
(2) JD 4240, 2WD
(2) JD 4240, 4WD, cab & air
JD 4430, fender tractor
JD 350 crawler loader
JD 450 crawler loader, good
Farmall H
MF 285
MF 1080
Universal 550, 4WD
T020 Ferguson
225 Timber Jack

We also have a large inventory of tractors at our other location at 4530 Olde Scotland Rd., ¼ mile off Exit 8 on 696 North.
¼ Mile East of Exit 6 I-81 on U.S. 30
Hours: 8:30-5:00 Mon.-Fri.
8:30 - 12:00 Saturdays

USED EQUIPMENT

TRACTORS
White 2-70 Tractor
White 2-150 Tractor
WD Allis Chalmers

HAY TOOLS
NH 273 Baler w/Thrower
NH 276 Baler w/Thrower
NH 320 Baler w/Thrower
NH 469 Haybine
NH 479 Haybine
Owatanna 217 Haybine, 9 Ft.
NI 290 Mowditioner

GRINDER MIXERS
NH 353
NH 354

SPRAYERS
Walsh 300 Gal.
Cent. Tractor 300 Gal.

PLANTING & TILLAGE
White 5100 No Til Planter
Brillion 14' Transport Harrow
IHC 400 4-Row, No Til
Case 7' Soil Controller
Oliver Superior No. 26 Grain Drill
JD 210 12 ft. Disk
Crown Stone Picker, 4½ Ft. Wide, Hyd. Driven

SPREADERS
NH 676 Spreader w/Hyd. Endgate
JD 465 Tank Spreader
NI 214, 3 Beater

LAWN & GARDEN
White 1610 w/42" Mower

NEW! **MILLER DISK**
10 Ft., 5 inch with Leveling Cylinder **$6,350**

NORMAN D. CLARK & SON
Honey Grove, PA 17035
717-734-3682
Located 14 Miles South of Port Royal on Rt. 75

HERR & LEAMAN

Used Farm Equipment Sales & Service
10 miles S. of Lancaster along Rt. 222

QUALITY TRACTORS AND EQUIPMENT/REASONABLY PRICED/SERVICED & BACKED WITH A 100% WARRANTY ON ENGINE AND DRIVE TRAIN ON TRACTORS PRICED OVER $4,000
DELIVERY AVAILABLE ANYWHERE

TRACTORS

JD 4440 Quad range, fact. cab & air
(2) 1981 JD 4240 fact. cab & air, quad range, very nice
1979 4040, fact. cab & air, radials, one owner, nice
JD 4430, quad, fact cab & air
JD 4430 4 post roll guard, powershift, 1976 model
(2) JD 4230 Quad range, fact. cab & air, nice
JD 4230, powershift, 4-post roll guard
JD 4320 fact. cab, 38" radials, nice
JD 4020 Dsl., late side console model
JD 4010, gas, WF
JD 2940, 1600 hrs., nice
JD 2750 Fender tractor, like new
JD 2640, very nice
JD 2440 w/146 Loader
JD 1530 Dsl. w/recent engine overhaul
JD 950 Dsl. w/loader
JD 720 Dsl., rebuilt engine & pony motor

Case 2090 w/fact. cab & air, powershift, 1983 model, very nice

IH 5088 1200 hrs, Western interior, duals & weights, 3 outlets w/lift-assist, 1982 model.
IH 1086, fact. cab & air, new TA, diff-lock, red seat, 79 model.
IH 1086 fact. cab, air, fully equipped
IH 986, 1981 model, fact. cab & air, all the late features, low hrs., nice.
IH 986 Fact. Cab & Air 38" Rubber
IH 886, 1980 Model, Fact. Cab & Air
IH 986, 4-post roll guard.
IH 1206, low hrs., 20.8x38 tires, year around cab, super clean, local trade.
IH 1066 w/100 hrs. on Major Overhaul, sharp
(2) IH 966 Fender tract. 3 pt, WF, one very nice
IH 1456, 20,8x38, dual PTO & hyd., nice
IH 1206 w/dual hyds. & PTO's
IH 856 Dsl. WF, fender tract.
IH 856 Dsl., 3 pt., WF, year round cab w/air
IH 806 Diesel, 3 pt. WF
IH 766, WF, 3 pt. with cab.
IH 766, WF, 3 pt. fender tractor.
IH 756 dsl. w/cab & 3 pt. WF
IH 756 Dsl. 3 pt. WF, very nice
IH 584, 1980 model w/2250 quick tach loader, 1050 hrs.
IH 584, 1980 model w/Westendorf quick attach loader
Farmall 450 gas w/fast hitch, 375 hrs., on complete engine overhaul, very nice
Farmall H, live hyd., nice.

Ford 5000 Dsl., w/cab & air, late model, low hrs., very nice
AC 180 Gas, WF
MF 175 Dsl. w/multi-power

HARVESTING EQUIPMENT

IH 715, Cab & Air, Gas, Hydro, 800 Series, Throat, w/810 grain head & IH 843 corn head, very nice unit
NI 801 fact. cab & air, rear wheel assist
(2) NI 709, cab, air, hydro, sharp
Late NI 702 w/737 husking bed, choice of heads
NI 701 Inline 6 cyl., gas, variable speed, cab
NI 710 Combine w/711 Grain Head
NI 325 2RN, 8 roll husking bed
NI 323 Picker, good
NI 716S Grain Head
NI 767 Super Chopper, nice
NI 740 & 741 Quick Tach Throats
NI 768 W&N, 763 Chopper head.
NI 3 & 4RN Hds.
NI 2, 3, & 4RW hds.
NI 769 Flail-mate for Uni Chopper
MF 44, low profile, 4RW
MF 13 grain head
IH 810 13' grain head
IH 843 4RN corn head

IMPLEMENTS

White model 425 chisel 10-tooth, heavy duty, high clearance w/Buster bar, 1 yr. old, 100 acres total.
IH 720, 4x18 Togle trip
IH 710, 4x18" Auto Reset
IH 700 4x16" auto. reset
IH 6000 Conservation til chisel, 13-tooth
Pull type 11 tooth high clearance chisel
3 pt. 10 tooth chisel, high clearance
Kawanee 10' Cultimulcher
JD 110 Disc, 14'
JD AW Disc, 14'
JD RWA Disc, 12'
IH 500 12' plowing disc
IH 480 Wing Fold, 21'
IH 37 10' Disc, nice.

MISCELLANEOUS

IH 2001 Loader
Dual wheels - 34's and 38's
3 Cabs to fit 06 series thru 66 series IH tractors
Tractor Weights JD & IH
JD Adapter for High Moisture Ear Corn for JD Chopper
1957 Dodge 500 straight truck $500.
Farmec Elevator, 32', ¾ hp. elect. motor.

Dismantling For Parts
IH 1256
IH 70 hydro w/good hydro
IH 806 Diesel
NI 702 D
IH 706 Gas Tractor
Farmall H
Used Dual PTO's for IH tractors

Box 191 New Providence, PA 17560
Business Ph. 717-786-1606
717/464-5960 Evenings

$$ SAVE $$

New and Used Parts For MM Oliver, NH and older JD

1850 Oliver w/Duals, 445 4WD Long
1610 White Loader
275 NH Baler
707 NH Harvester
'65 IH 1600, 4WD Wrecker

Center Moreland Garage & Equip.

717-333-4256

READY FOR THE FIELD

1978 JD 6600 Sidehill Hydro. Combine, New Rubber, A/C, Heater, Monitor, AM/FM Cassette & Straw Spreader.
215 Grain Platform
1982 643 Corn Head

All Above Equipment In Excellent Condition.

Call 717-437-3547
No Sunday Calls

GOOD USED FARM EQUIP.

NH 489 Haybine, NEW	$7,350
NH 489 Haybine, Cut 50 Acres	$6,850
NH 489, 2 Years Old	$4,850
NH 489 Haybine, 3 Years Old	$4,400
NH 489 Haybine, 4 Years Old	$3,850
NH 256 Rake, New Teeth	$1,225
NH 56 Rake, Nice	$1,025
JD 1209 Haybine, Real nice	$2,800
Pequea 7' Tedder, PTO, Like New	$1,050

WILL TRADE
Can Deliver
717-933-8134

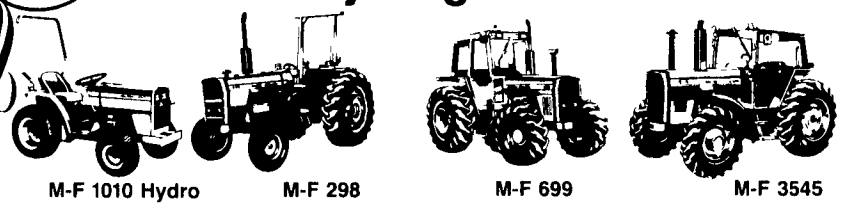
All Steel Frame
Hay Wagon, 8x18'
All Sizes, Steel Hay Feeders
24' Feeder On Whls.
Self Locking Panels

J & L EQUIPMENT
St. Thomas, PA
717-369-2637

up to $1200

Trim up to $1200 off our best price on Massey-Ferguson tractors

M-F SAVINGS



M-F 1010 Hydro | M-F 298 | M-F 699 | M-F 3545

- Save up to $400 on M-F Compact tractors
- Save up to $800 on M-F orchard vineyard and 200 Series tractors
- Save up to $950 on M-F 600 Series tractors
- Save up to $1200 on M F 3500 Series tractors

Or choose low 6 9% APR M-F financing and generous factory discounts from Massey-Ferguson

Pick out your best deal on the best tractor for you And save like you could never save before

Name
Address
Telephone
Model Number
Serial Number

Customer s Signature

Offers expire January 31 1987

Now may be the best time ever to buy a new Massey-Ferguson tractor That s because when you bring in this Savings Certificate, Massey-Ferguson will give you a discount on new M-F tractors of up to $1200, depending on the model selected

MASSEY-FERGUSON
Where farmers ideas take root

CERTIFICATE

up to $1200

up to $1200

up to $1200

USED COMBINES

1984 MF 850 Hydro with 9115 Floating 15 Ft. Grain Head and 1163 Corn Head	$58,000
1982 MF 850 Gear Drive	$29,000
1981 MF 850 Hydro	$34,000
1980 MF 550 Hydro	$15,000
1980 MF 750 Gear Drive	$24,000
1979 MF 550 Hydro	$18,000
1978 MF 760 Hydro	$17,000
1978 MF 760 Hydro	$15,000
1978 MF 750 Hydro	$16,000
1977 MF 760 Hydro	$18,000
1977 MF 760 Hydro	$19,000
1977 Gleaner "M"	$16,000
1976 MF 760 Hydro	$15,000
1976 MF 760 Hydro	$16,000
1975 MF 750 Gear Drive	$12,000
1975 MF 750 Hydro	$14,000
1974 MF 760 Hydro	$12,000
1974 MF 750 Hydro	$8,500
1972 MF 510 Gear Drive	$6,500
1969 MF 300 Gas	$4,000
1969 MF 300 Gas	$2,700
1969 MF 410 Diesel	$5,000
1966 MF 510 Diesel	$2,500
1969 John Deere 6600	$4,500
1975 IH 615 Hydro	$4,500
IH 315 Hydro	$3,500
C II Gleaner	$4,000
Like New 1144 Corn Head	$5,500
1163 Corn Head	$5,900
JD 215 Flex Head	$4,800

1980 Uni System, Only 1200 Hrs.

801 4 Wheel Drive Unit	$26,000
818 Grain Combine	$6,000
840 Feeder House	$2,000
844N 4 Row 30" Corn Head	$4,500
767 Harvester	$3,300
774 4 Row 30" Harvester Head	$2,900
766 Hay Pick Up	$1,000
Buy Complete Machine On Sale Days And Receive A Big Discount	$45,700

USED EQUIPMENT

Tye 10 Ft. No-Till Grain Drill	$9,000
MF 724 260 Bu. Manure Spreader	$6,100
Glenco 12 Ft. Transport Disc	$6,200
Glenco 9 Tooth Soil Saver	$5,900
Glenco 7 Tooth Soil Saver	$4,900
MF 351 19½ ft. Soil Finisher	$6,100
Landoll 10 ft. Soil Finisher	$3,200
John Deere 310 Disc Harrow	$3,200
Brillion 11 Ft. Cultipacker	$700
Brady 6 Ft. Flail Chopper	$2,500
Shaver Post Driver	$1,850
Danuser Post Hole Digger	$640
Danuser Wood Splitter	$780
MF 880 Hyd. Reset 6-16 Plow	$4,650
MF 345 Spring Reset 3-16 Plow	$2,500
MF 82 Spring Trip Plow	$1,200
MF 66 Spring Trip Plow	$450
Ford 10 ft. 3 pt. Chisel Plow	$1,200
Yetter 15 ft. Rotary Hoe	$1,500
MF 820 Hyd. 19 ft. Wing Disc	$8,500
MF 233 10 ft. Disc Harrow	$4,100
MF 124 Baler	$1,500
MF 260 Harvester w/2 Row Corn Head	$2,500
NH 717 Harvester w/1 Row Corn Head	$800
MF 41 3 pt. Sickle Bar Mower	$2,400
MF 925 Haybine	$1,500
EZ Trail 6 Ton Running Gear	$550
15 Ton EZ Trail Wagon With 450 Bu. Gravity Bed	$4,200
EZ 475 Bu. Self Unloading Grain Cart	$6,400
Demo Myer 8' Snow Blade To Fit Farm Tractor	

USED TRACTORS

MF 2705	$14,500
MF 1080	$5,500
MF 85 Gas	$3,200
MF 1155 w/Duals	$10,000
MF 1155	$7,900
MF 1150	$5,500
MF Super 90	$4,500
MF 180	$3,500
MF 178	$3,400
MH Pony	$1,250
MH 444	$1,000
IH 1206	$6,500
IH 574	$5,200
Ford 8000	$5,500
Ford 960	$2,100
AC 180	$4,900

DEMO & RENTAL TRACTORS

MF 3545, 125 HP	$23,500
MF 670, 55 HP	$19,700
MF 240, 34 HP	$8,200
MF 1020, 17 HP	$5,400
MF 1010, 13 HP	$4,900

Our Thanks To Everyone Who Helped Make 1986 A Successful Year. We Sold 16 New Combines In 1986, Including: (4) 550's, (5) 850's & (7) 860's. We Sold 36 New Tractors In 1986, Including: (9) 16-30 HP, (11) 40 HP, (9) 50-60 HP, (4) 70-80 HP, (1) 100 HP, (1) 120 HP & (1) 300 HP.
Thanks For Your Patronage

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Damaged Or Broken Combine Table Augers Rebuilt Same As New!

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SPRING AUCTION

MONDAY, MARCH 23, 1987

MF Massey Ferguson

M.M. WEAVER & SONS, INC.

Leola, PA 17540 (717) 656-2321

Located 4 miles West of New Holland on Route 23, 1½ miles Northeast of Leola on the North Groffdale Road, 1 mile on the right, opposite Groffdale Mennonite Church

FEBRUARY SPECIALS

Tag #	SKID STEER LOADERS	Price
• 72	NH L-779 Diesel, One Owner	$13,500
• 552	NH L-778 Diesel, Repro.	$10,500
• 196	NH L-775 Gas, One Owner	$10,000
• 144	NH L-35 Gas, Choice of Two	$6,500
• 486	NH L-445 Diesel, One Owner	$10,000
•	NH L-425 Gas, Low Hours	$9,300
• 432	NH L-225 Gas	$6,500
• 199	Ford CL-40	$8,500
• 454	Ford CL-30	$6,500
• 421	Ford 340	$4,500
•	NH LB-620 Loader Backhoe, New Demo	$32,000

Tag #	MANURE SPREADERS	Price
• 100	NH 800 w/Brakes & All Options	$8,000
• 600	NH 791 w/Endgate & Top Beater	$4,200
• 508	NH 790 w/Endgate	$3,800
• 483	NH 679 w/Endgate, Upper Beater, & Wide Spread	$4,900
• 404	NH 676 w/Upper Beater	$4,300
• 235	NH 516 w/Endgate	$2,950
• 595	NH 513	$2,400
• 300	NH 367 Flail Tank Spreader	$3,500
• 259	NH 346 Flail Tank Spreader	$1,800
• 545	NI 214 Triple Beater	$1,800
• 586	Starline 250 Bu. Flail Tank Spreader	$3,500

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Ford — A Subsidiary of Ford Motor Company

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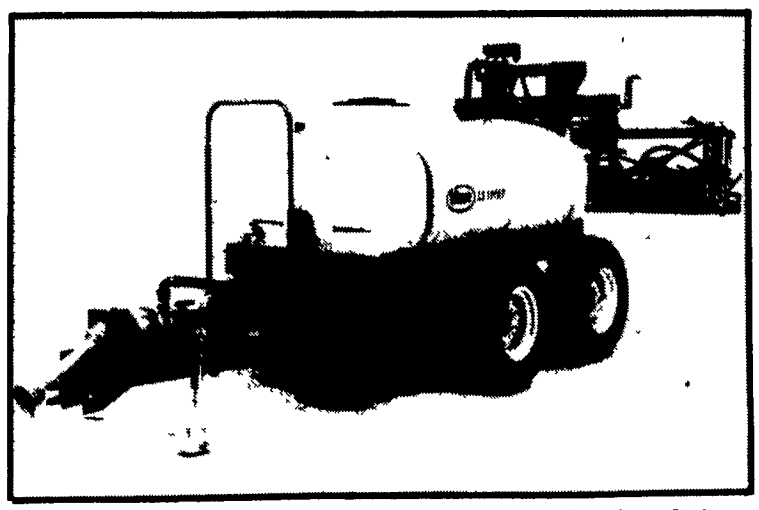

Complete line of pull type, truck mount and 3 pt hitch sprayers, featuring fixed, two- or four-point automatic stabilizing booms unique only to Vicon!

A wide range of pumping systems, including ground drive, are available for almost any job — both on and off the farm

Pull type sprayers from 365 to 785 gallons, 3 pt capacities from 53 to 230 gallons, custom built to your individual needs!

Fixed booms from 21 to 31 feet, automatic stabilizing booms from 35 to 62 feet all utilizing Vicon's non-drip diaphram check nozzle bodies. Single, dual and quad bodies available on all size booms for quick, easy change from floods to fan to cones to blanks depending on applications

Auto stabilizing booms level to the horizon with 2 point linkage and to the axle with 4 point linkage for increased accuracy and longer boom life

Foam markers, chemical inductors, hand guns, clean wash tanks, and rapid refill kits are just some of Vicon's options available at...

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For Quotations!

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Week of March 2
Special Discounts On Parts & Equipment
Pancake Day - Tues., March 3 - 9 to 3

NEW TRACTORS

IH 244 AWD
Case-IH 245 AWD
Case-IH 385, AWD
Case-IH 385, 35 hp
Case-IH 585, 52 hp
Case-IH 685, 61 hp
Case-IH 885, 72 hp
Case-IH 2294 MFD w/cab
Case-IH 2096 w/ROPS

NEW TILLAGE EQUIPMENT

Case-IH 4500 VS Cultivator, 12'
Case-IH 475 12' Disc Harrow
Case-IH 496, 19' Flex Disk
IH 5507 3 pt. Chisel Plow
IH 5509 3 pt. Chisel Plow
IH 6511 Con-ser Til

NEW PLANTING & SEEDING EQUIPMENT

IH 800 6R Air Planter
IH 800 4R Plate Planter
Case-IH 5100 18x7 Comb Drill
Case-IH 5100 18x7 Plain Drill
Case-IH 5100 20x6 Plain Drill

NEW MATERIAL HANDLING

Case-IH 550 Spreader
IH 560 Spreader
IH 2200 Loader
Case-IH 2255 Loader

NEW HAY & FORAGE EQUIPMENT

IH 86 Hay Rake, hyd.
IH 1190 Mower Cond 9'

USED TRACTORS & EQUIPMENT

MH 44 Tractor	$750	IH 1190 Mower Cond. 9' (exc)	$6150
IH 46 Baler w/Thro	$1250	Pitts. 12' disc harrow	$1450
NH 479 Haybine	$1350	IH 531 3F 14" 3 pt Plow	$475
IH 56 Forage Blower, as is	$300	IH 412 4F 14" semi-mt plow	$350
IH MF SD Drill	$350	IH 540 4F 16" Plow	$950
Oliver 13x7 SD Drill	$450	IH 550 5F 14" plow	$750
NI 7' Mower	$250	IH 535 3F 16" Plow	$750
Arts-Way 4'5 Grinder Mixer	$2250	IH 710 5F 16" Plow w/Cyl	$2250
Hawk-Bilt Tandem tub spreader (good cond)	$2850	Ont 13x7 SD drill	$650
		IH 56 4R Planter	$950
		IH 400 4R Planter	$1150

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Evenings - 717-524-2924 - Frank Saner

Clugston Implement Inc.

Chambersburg, PA 17201

USED JOHN DEERE

JD 4440 SG, PS
JD 4240, PS, 4 Post, Returned off of Lease
JD 2640
JD 2520 G
JD 3010 Tractor
JD 2510
JD 6RN 7000 Planter w/Fill Auger & No-till
JD 6RN 7000 Planter w/Liq. Fert. & No-till
JD 2RN & 2 RW C.H.
JD 1209 Mower Conditioner
JD 14T Baler
JD 336 Baler
JD Transport Disc
JD 216 Fg. Wagon
JD 66 & 6000 Blowers
JD Drill

USED NEW HOLLAND

NH Super 68 Baler w/Thrower
NH 273 Baler w/Thrower
NH 2R Snapper Head for Fg. Harv.
NH 23 & 26 Blower
NH 329, 513 & 518 Spreaders
NH 890 w/3RN & Pickup
NH 880 w/2RN
NH 1495 Gas SP Haybine
NH 1495 Dsl. SP Haybine
(2) NH 489 Haybines
NH 495 Haybine

USED TRACTORS

MF 175

OTHER USED ITEMS

Bobcat 743 w/780 hrs.
Case 1845 Dsl. Skid Loader
Ford 4B Reset Plow
Ford 3B Trip Back Plow
NI 208, 213 & 214 Manure Spreaders
White 5400 6RN w/no-till
IH 56, 4R Planter
IH 440 Baler w/Thrower
Fox 3000 Harvester
Fox 6½' PU Head
NH 450 7' Mower
Dion Forage Wagon
Field Sprayers: 500 gal. Century; 200 gal.
Gehl 2230 Pivot Tongue Mower Conditioner
Hesston 1014 & 1090 Mower Conditioners

NEW BOBCAT LOADERS

Farm Boy 642B, 743

NEW JOHN DEERE EQUIP.

Tractors:
4250 SG, PS
3150 MFWD, SG
2550, 2150

Compact Utility Tractors: 650, 655, 750, 755, 855, 950, 1050

Combine: 4425 w/Heads

Balers: 327, 337, 347, 330, 430

Forage Harvesters:
5730 w/Iron Guard
3950

Spreader: 780

Forage Wagon: 716A

NEW NEW HOLLAND EQUIP.

Balers: 311, 326, 853

Blowers: 28

Haybines: 411, 489, 499

Forage Harvester: 790

Spreaders: 520, 680

Skid Loader: 455

I-81 Exit 8
3213 Black Gap Road
Chambersburg, PA 17201

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NEW HOLLAND
bobcat

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LAWN/GARDEN
A Good Selection Of Used JD & Other Makes Lawn/Garden Tractors, Mowers & Snow Removal Equipment.
PRICED TO SELL

MOLDBOARD PLOWS

	Tag #	Sale Price
JD 2600 5B 18" Spring Reset Semi Mtd	#2820	$5350
JD F125 4 16" 3 pt	#3777	$ 850
JD 2B, 3 pt	#3704	$ 195
White 348 3 18" sp reset	#3657	$2195

CHISEL PLOWS

	Tag #	Sale Price
IHC 3 pt 7 rigid stds	#3209	$ 895

DISK HARROWS

	Tag #	Sale Price
JD 315 12' 10"	#3506	$5500
Athens 131 tandem 28 bl	#3299	$1595

GRAIN DRILLS

	Tag #	Sale Price
JD 8300 18x7, sdo, gsa.	#2799	$2495
JD FB157B, sdo, gsa.	#3787	$ 695
JD FB 13x7, sdo, gsa	#2683	$ 695

USED CORN PICKERS

	Tag #	Sale Price
NI 324 2RW/329 Sheller	#2430	$3,995
NI 324 2RW w/8 Roll Husk	#3823	$3,450

MISCELLANEOUS

	Tag #	Sale Price
JD 300 30 Ft Elevator	#3888	$1195
JD 307 3-pt. rotary cutter	#3531	$ 295
JD P107 3-pt rotary cutter	#2372	$ 250
Friend 3-pt. Sprayer 18'	#2813	$ 695
Walsh trailer sprayer	#3554	$ 495
JD 27 Flail Shredder,	#3877	$2995
JD Hood for 125 chuck wagon	#3167	$ 85
JD 80 Rear Blade 6 Ft	#3862	$ 325

COMPACT UTILITY TRACTORS & EQUIP.

	Tag #	Sale Price
JD 950 2WD w/423 fr blade 7'	#3871	$7500
JD 750 4WD Turf w/67 Loader, 60 hrs	#3880	$8795
JD 365 front blade (fits 650)	#2187	$ 895
IHC Cub Low Boy 154 w/mid mower	#3204	$2500
York RS 5' rake w/casters	#3849	$ 595
IMCO 5' rotary cutter, 3-pt	#3571	$ 425

USED MANURE HANDLING EQUIP.

	Tag #	Sale Price
NH 367 Tank Spreader	#2512	$1,495
IHC 575 w/Hyd. End Gate	#3830	$3,950

CORN PLANTERS

	Tag #	Sale Price
JD 7000 6R Cons, liq f, insect, mon	#3386	$7595
JD 7000 6R Cons, liq f, insect, mon	#3429	$6995
JD 7000 6R Reg, dry f., insect	#3199	$6195
JD 7000 6R Reg, liq f, insect, mon.	#3433	$5995
JD 7000 4R Cons, dry f, insect, mon.	#3400	$7495
JD 1240 4R, dry f, insect.	#3251	$1895
JD 1240 4R, dry f, insect.	#2355	$1595
JD 1240 4R, dry f, insect	#2849	$1195
JD 1240 4R, dry f, insect	#2543	$ 895
JD 494, 4R, dry f	#3619	$ 200
IHC 56, 4R	#3570	$ 200

USED HAY EQUIPMENT

	Tag #	Sale Price
JD 346 Baler, 30 Ejector	#3100	$3,950
JD 346 Baler 30 Ejector	#3719	$5,295
JD 530 Round Baler	#3825	$8,150
JD 346 Baler, 30 Ejector	#3677	$5,295
JD 336 Baler, Wgn Hitch	#3684	$2,795
JD 336 Baler, 30 Ejector	#3244	$4,995
NH 270 Cut/Ditioner	#2965	$1,595
JD 12-14 Mower Cond	#1507	$ 995

USED COMBINES

	Tag #	Sale Price
JD 6620 SH Cab A H Stw Spdr w/215 Flex Plat	#3315 #3317	
w/643 SH Corn Head	#3319	$59,000
JD 4420 Cab A/H Stw Spdr w/213 Flex Plat	#2304 #2310	$25,000
JD 7700, Cab A/H, AHHC	#2721	$15,500
JD 6600, SH, Cab, A/H 643 SH Corn Head	#3753 #3754	$23,000
JD 6600, SH, Cab, A/H w/215 Flex Plat w/643 SH Corn Head	#2918 #2923 #2925	$27,900
JD 6600, Cab A/H, AHHC w/213 Flex Plat	#3166 #3193	$21,900
JD 213 Flex Platform	#3828	$4,450
MF 300, Cab A, w/13 ft Platform w/3R30" Corn Head	#2862 #2883 #3058	$6,500
AC Gleaner "F" w/13' Plat w/430 Corn Head	#3686	$13,950

USED FORAGE HARVESTERS & EQUIPMENT

	Tag #	Sale Price
JD 5200 SP Cab w/3R 30' RC	#2855 #2861	$14,500
JD 5440 SP Cab Power Whl Dr w/3R 30 RC	#3771 #3774	$39,950
JD 5400 SP, Cab, Power wh dr	#2840	$29,500
JD 38 PT w/5½' Hay P Up	#3288	$1,995
JD 3R 30" Row Crop	#3147	$1,995
JD 3R 30" Row Crop	#2312	$1,795
JD 3R 38" Row Crop	#3108	$995
JD 3R 38" Row Crop (SP)	#1431	$1,095
JD 716 Hi Side 3B Roof Reconditioned	#3755	$5,995
JD 716 Hi Side 3B Roof Reconditioned	#3756	$5,995
JD 216 Wagon Hi Side 3rd B Roof 1065 Gear	#3769	$2,350
Grove Wagon 2 Btr	#3796	$1,495
Badger Forage Wagon w/Roof Reconditioned	#3815	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3816	$5,500
Badger Forage Wagon w/Roof Reconditioned	#3817	$5,500

USED FARM TRACTORS

	Tag #	Sale Price
JD 4050 Q R SGB	#3622	$27,500
JD 3010 Dsl S/R, ROM	#2997	$ 5,500
JD 2510 Gas, S/R, ROM	#2257	$ 4,350
JD 2030 HU Dsl	#3262	$ 9,550
JD 40T w/Cult	#3457	$ 1,595
IHC 706 Dsl	#3451	$ 6,500
JD 4240 Q/R, SGB	#3705	$16,500
JD 4630 S/R	#3712	$9,950
JD 4430 QR SGB	#3759	$18,500
JD 4030 S/R Dual RC	#3748	$12,500
JD 3020 Gas, S/R	#3267	$5,000
JD 3020 Gas, S/R, WFE w/Allied Hyd Loader	#3654 #3655	$7,995
JD 3020 Dsl. S/R, WFE	#3765	$6,500
JD 3020 Gas, S/R	#3709	$5,995
JD B w/2-Row Cult	#3716	$1,195
Oliver 1650 Gas	#2595	$ 4,500
Ford 600 w/3-pt	#2464	$2,500
Farmall Super A w/Cult	#3431	$2,450
AC 8050 MFWD, Cab, P/S	#3789	$27,500
IHC 706 Dsl	#3451	$6,500

JDFP Finance Terms-Approved Credit

WAIVER ON FARM TRACTORS
New John Deere Utility and Row Crop- Nov 1, 1987
Used Utility and Row Crop- April 1, 1987
Extended Waiver Available On Used Tractors

WAIVER ON NEW JOHN DEERE & USED COMBINES
Grain Combines June 1, 1987
Corn Combines Sept 1, 1987

WAIVER ON NEW JOHN DEERE AND USED CORN PLANTERS
To April 1, 1987

Waiver on Hay Equipment
New John Deere July 1, 1987
Used May 1, 1987

Waiver on Forage Equipment
New John Deere Sept. 1, 1987
Used March 1, 1987

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Bring In Your Plateless Units & We Will Clean & Inspect Them For Only $15 Per Row (Parts Extra)

When you have a lot of field work to do, the last thing you need is engine trouble.

Make sure your engine is in top-notch condition before your work load really piles up.

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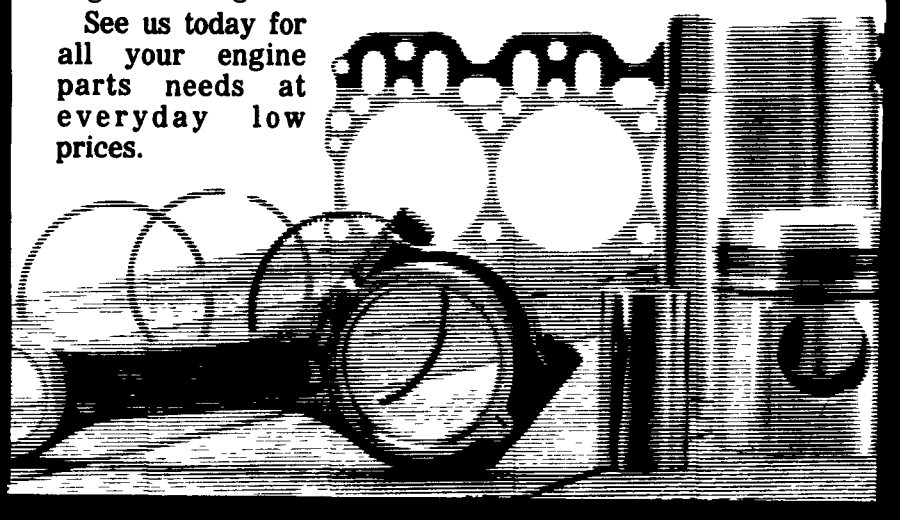

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Perfect, install & run, $700
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JD 4020, 4020 Side Console, 2840, 3010, 2030
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New Ford 4610
New JD 2150
JD 4630 w/4 post roll guard
JD 4520 w/model 58 loader
JD 4440, cab & air, sharp
JD 4430, cab, air, quad range
JD 4430, cab, air, power shift
JD 4230, cab & air
JD 2510
JD 4030, 4 post, roll guard
JD 2940 w/front wheel assist
JD 2940 w/cab
JD 2940 w/loader
JD 2840
JD 2640 w/146 loader, (sharp)
JD 2510 Gas
JD 2040 w/loader, used 500 hrs.
JD 4240, power shift
JD 4240 w/cab & air
JD 4040, power shift, cab & air
JD 3020 diesel, cab
JD 3020 gas
JD 4000
JD 4020, new tires
JD 4020, side console
New IH 274 w/cultivator
IH 3500 backhoe loader
IH 1086, cab & air
IH 1066
IH 766 w/cab
IH 806 diesel, excellent
IH 826 diesel
IH 1026 hydro diesel
IH 544
IH 3088, cab & SOLD 50 hrs.
Ford 7000
Ford 6600, like new, 900 hrs.
Ford 5000 Gas
Ford 4610, like new, 690 hrs.
Ford 4000 SU
Ford 3600
Ford 3400 w/Loader
Ford 2600 w/800 hrs.
Ford 2000
Ford 555 w/loader & cab
Ford 3000
AC 210 diesel
AC 185, sharp
AC 180, gas
AC 200, like new
AC 7030
MF 265
MF 205, 4WD
MF 50C w/loader
MF 135 die SOLD
MF 20 w/loader
Kubota 4000 w/loader
3 pt. hitch backhoe, like new
JD 2010 Forklift
Int. 7000 Forklift 28' Lift

New Gehl 360
Skid Steer Loader

USED PLOWS

Int. 5 btm. 16" spring reset plow
White 6 btm. 16" plow
White 4 btm., auto. reset plow
Large selection of 3 to 7 btm. plows
Int. 3 btm. rollover plow
New JD 2600, 4-18 auto. reset
New JD 2700, 4-18 Toggle trip

GRINDERS & MIXERS

Gehl 65
Gehl 95

USED COMBINES

444 JD corn heads
443 & 643 corn heads
MF 410
Large selection of JD 2, 3, 4 & 6 row corn heads
JD 6600 hydro, rotary screen
JD 4420, like new
JD 3300 diesel, sharp
JD 3300 gas

USED PLANTERS

JD 494A
JD 7000 4 row Dry fertilizer
JD 7000 6 row conservation, liquid
JD 7000 4 row liquid, like new

Used Moore
no-till grain drill

USED HARVESTERS

Fox 6600 w/3 row head, cab & air, used only 1,100 hrs.
Fox 2 row snapper head
Fox Custom 90
NH 718, sharp
NH 3 pt. hitch chopper w/1 row head
Field Queen 3 row wide corn head

HAY EQUIPMENT

New NH 489 Haybine
NH 472 haybine
Gehl 1090 haybine
Gehl 1500 Round baler
NH 276 baler, excellent
NH 311 baler, like new
New JD 327 Baler
JD 346 baler, excellent
NH 315 wire baler, nice
NH 273 w/thrower
M-C 7' rotary sythe, used on 100 acres
Large selection of used rakes
NH 1032 Stacker Bale Wagon

MISCELLANEOUS

1974 Chevy truck w/16' grain body & hoist
JD 58 loader
Int. 510 grain drill
Large selection of smaller discs
NI 2 row narrow, 12 roll bed
NI 323 1 row picker
Kewanee hydraulic fold 18' disc
Big V snow plow 12' wide
Kewanee 810 heavy disc, like new
1974 Ford F700 w/grain body & hoist

D & R EQUIPMENT INC.
Ringoes, New Jersey (201) 782-5082

SNOW EQUIPMENT

75 Assorted snow plows; Valk 11' Snow Plow; Gledhill 10' Snow Plow; 3 pt., fast hitch, & snap coupler rear scraper blades; new tire chains - car, truck & trailer; some used tractor tire chains; new & used 3 pt. snow blowers & walk behind snow blowers; 8' snow blower w/self contained engine; New & used 3 pt. hitch snow blowers; V Snow plows for trucks & tractors; snow plows & blades for front end loaders; New heavy duty 3 pt. hitch rear scraper blade.

USED TRACTORS

AC 7040, cab & air, power shift; 7030, cab & air; 6080; 6060 4WD; 5040 w/full hyd. front end loader; 190XT; 190XT w/cab; 175 diesel; 170 Gas w/cab; 160; D17; D15; G w/hydr. & cultivator; B; WD 45; 200 w/Cab; AC 6070 4WD.
JD 3010 diesel; 2240; 1520 gas, WF; 3010 gas, NF; Used cab for JD 10 & 20 series tractors, also 5010; JD 730D, NF.
IHC 656 Hydro; 544; 424 w/hydr. dump loader; 230; 100; Super A, with equipment; Super H, NF; Cub; Cub low boy w/5' Woods rotary mower; Cub low boy w/Mott Hammer knive mower; Cub w/cultivator; Farmall 460 Gas, Farmall M; Farmall H w/mower & snow plow; Case 430 w/loader.
FORD: 7600 diesel, high clearance; 6600; 5000; 4100 Diesel w/loader; 4000 SU Diesel; 3550 w/loader; 600; and 8 N's; 820 gas w/loader; 2000 w/Belly lawn mower; 4000 w/front end loader.
KUBOTA: 7500 4WD demonstrator; 6000 4WD w/sickle bar mower; L 225 w/cab.
MF: 285; 265 diesel; 180; 175 diesel; 65; 40; 30 w/loader; Ferguson 30 w/loader; 40; Ferguson TO35 w/loader.

INDUSTRIAL

TRACTOR LOADER BACKHOES - IHC 3414; Ford 4000; AC 715-B; JD 310-A; AC 715D; AC 655; **CRAWLER LOADER** - AC H3 Crawler w/angle blade. **TRACTORS WITH LOADER, 3 PT. HITCH & PTO** - MF 40, MF 2200. **SKID STEER LOADER** - Gehl 4500, like new, 300 hrs.; Bobcat 610 gas, Bobcat 611 Deutz diesel. **LOG SKIDDER** - (2) JD 440 series A; **MISC.**- JD 9300 backhoe. 1 ton paving roller. 1969 Chevy Dump Truck; IH 1800 tandem dump truck; 1979 Louisville Ford low wheel base tandem & Cummins diesel; IHC F2010-A tandem long wheel base, needs engine work; IH T6 Crawler, very good under carriage; AC 640 ¾ yard articulated payloader; Farmi 410 3 pt. skidding winch; IH 2410 B tractor loader. **FORKLIFTS**- MF 204 gas; AC 840; IHC 560; Ford; MF. **DOZERS**- Case 350-B Dozer; Case 350-D Dozer & Case 350-D Dozer w/forklift; JD 350C dozer 6 way blade & winch.

MANURE EQUIPMENT

NEW

Starline Tank Spreaders; Hedlund Martin liquid manure pumps & tanks in stock for immediate delivery; NI 360, 362, & 364 spreaders.

USED

Hedlund Martin 1254 Spreader; NH 367 tank spreader; Hedlund Martin 1257 Scavenger Spreader; IHC 550 Spreader.
Spreaders: NH 516T Spreader; NH 329, 512, NI 12, 3 beater, NI 245, 375 bu. mtd. on Ford truck; NI 244 & 245 tandem manure spreaders w/hyd. tailgates.
Clay vacuum honey wagon; injectors available, like new.
2100 gal. liquid spreader w/knife injector.
NI Basin Pump.
Patz 3000 gallon liquid tanker
Better Bilt 1500 gallon liquid tanker
Better Bilt PTO liquid manure pump
Used tank type spreaders, 4 used PTO and ground drive conventional spreaders
Better Built 8' Manure Pit Pump, very good cond.
Badger 3000 gal. tandem spreader w/injectors.

MISCELLANEOUS

USED

Taylor 16 tooth trailer chisel plow; 4 NI 323 1R corn pickers, priced from $1995; 5 NI 324 & 325 2R wide or narrow row machine, with 12 row husking beds or sheller units. JD 2600 4-btm. spring reset plow, variable width; JD 8350 21 dbl. disc grain drill, like new, has small grain, fertilizer & grass seed compartment; Vicon 3 pt. hitch, power harrow, like new; NH 48' hay & grain elevator; Vermeer 30" tree spade, like new; IHC 510 Grain Drill 13 double disc has grass seed & fertilizer like new, Shaver post pounder, 3 pt. hitch York rakes Servis 10 ft. 2 spindle trailer rotary mower, Bush Hog 5 & 6 ft. 3 pt. rotary mowers, Howard heavy duty 5 & 6 ft. 3 pt. rototillers, Small Davis backhoe for skid steer or 3 pt. mounting, IHC fast hitch carry all platform, Mott Hammer knife mower for Farmall Cub, 3 pt. hitch Mott Hammer knife mower, 20 misc. hydr. front end loaders for various models and make tractors - call for your needs, AC 100 HP D power unit with P.T.O. and clutch - choice of three. 12' Dump truck body; Steinhorst 400 gal. bulk milk tank; United Farm Tools- 1R corn picker, low acreage; Brillion 7 shank & Glencoe 5 shank soil savers, both like new; Dunham Lehr 12' cultipacker w/hyd. transport; McKee 3 pt. corn hog; Norse 5000 3 pt. winch.

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Full line of Kubota tractors, loaders, mowers and tillers, low interest on all models. Deutz-Allis lawn and garden tractors. Deutz-Allis farm tractors from 40 to 110 horse power in stock. Blades, loaders, backhoes, trailers and carts. One NI cornpicker, 2 row narrow head w/12 roll husking bed or sheller; Uebler 810-E, 808-E, 790 Feed Carts.

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1 FARM EQUIPMENT

NEW EQUIPMENT SPECIALS

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JD 716A Forage Wagon, w/High Sides & Top, less running gear, $6,450
NH #8 Forage Wagon w/234 Running Gear, $5,000
JD 1600 Spring Reset 4 Bottom Plow $4,700
JD 235 Disk Harrow, 17'1"
JD 215 Disk Harrow, 12
JD 2950, 2WD Tractor
NH L250 Skid Steer Loader
NH L455 Skid Steer Loader

USED EQUIPMENT

JD 4230 Tractor, new engine, $14,000
MF 760 Combine w/V8 Engine, 6RN, 17' Grain Platform $24,000
JD 7720 Combine 4WD
IH 1026D, Hydro, 112 HP w/Loader $7,000
Yanmar 165 D 16 HP Tractor, 4WD, Turf Tires, Front Blade, Less Than 200 Hrs., $5,700
JD 6 Cyl. Gasoline Power Unit, Just Overhauled, $2,000
Century 6R Sprayer, 3 Pth, $850
Cub LoBoys w/Implements, $1,200 & Up
JD 444 Corn Head, $4,500
NH 495 Haybine, 12', $4,500
Kuhn GMD66 6 Disc Mower, $2,500
JD 7000, 6R Cons. Planter, Dry Fert.

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(2) 605 J Auto Weave Balers (New)
(1) 605 E Baler (Used)
(2) 107 No-Til Drills (New)
(1) R8A Single Rake, Hydraulic Vermeer 504 Super G, Heavy Duty

NEW VICON EQUIPMENT

(2) KM 321 Mower Conditioners, 10' 6"
(1) KM 281 Mower Conditioner, 9' 5"
(3) KM 241 Mower Conditioners, 7'10"
(1) OM 281 Mower Conditioner
(1) OM 241 Mower Conditioner
(2) RC 330 Tedder Rakes
(1) RS 310 Tedder
(1) RS 510 Tedder, 3 Pt. Hitch
(1) RS 610 Pull Type Tedder
(3) TS 1002 Seeder Spreaders
(3) LS 200M Sprayer, 21' Booms
(4) LS 400M Sprayer, 28' Booms
(1) LS 870M Sprayer
(3) LS 1410T Sprayer
(3) LS 1910T Sprayer
(1) LS 1410T Sprayer, Truck Mount

NEW H&S EQUIPMENT

(1) Super 7+4 Forage Box, Tandem Axles
(1) 8x18 Self Unload Bale Rack
(1) 295 Tandem Axle Spreader

USED EQUIPMENT

AC Forage Box
Self Propelled Solo Mist Blower, 25 Gallon
(2) New Holland P-Bar Rakes

3 SILOS AND UNLOADERS

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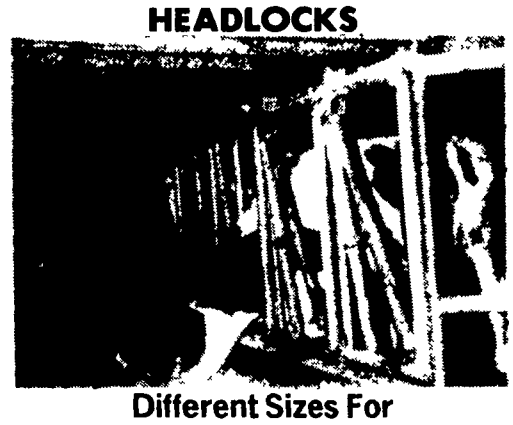

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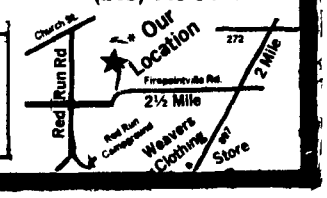

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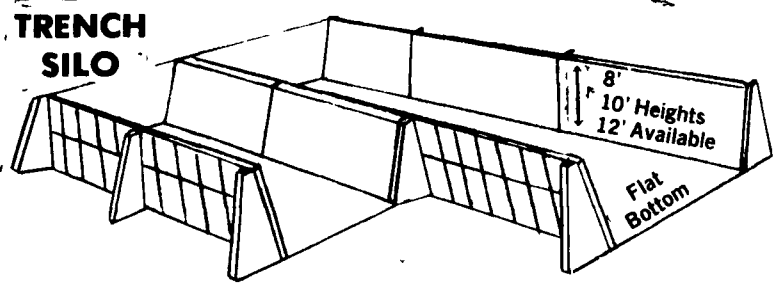

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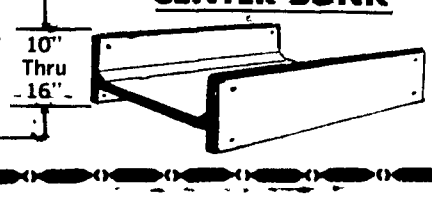

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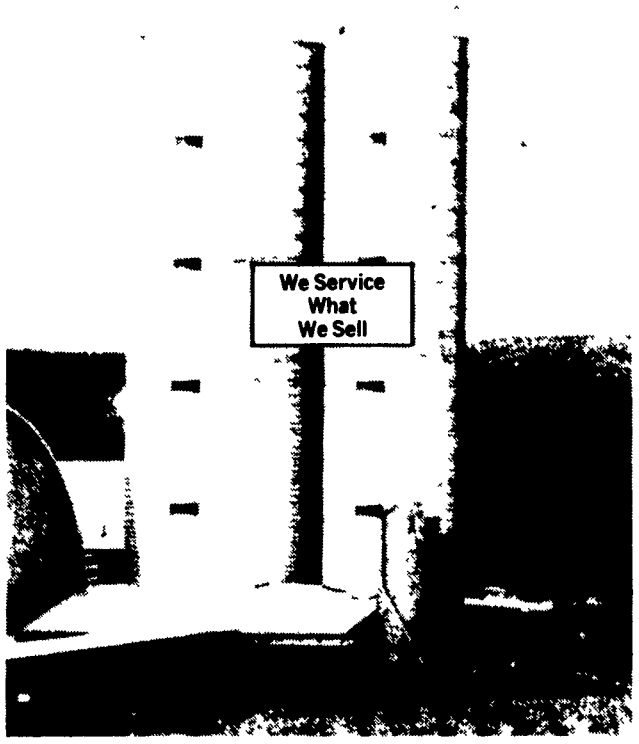

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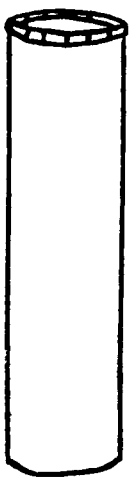

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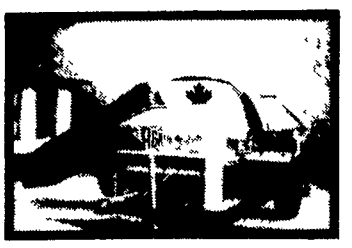

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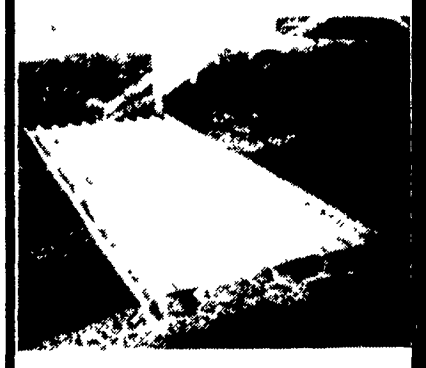

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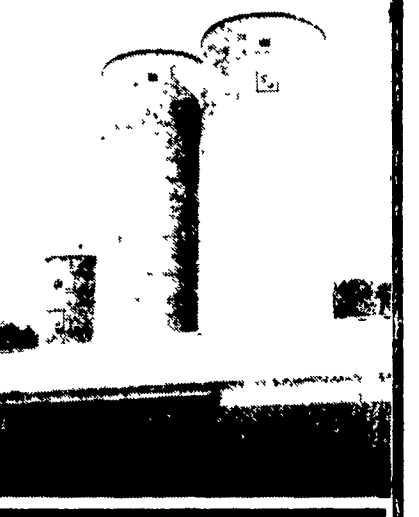

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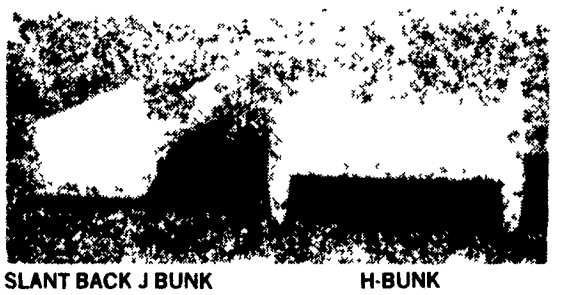

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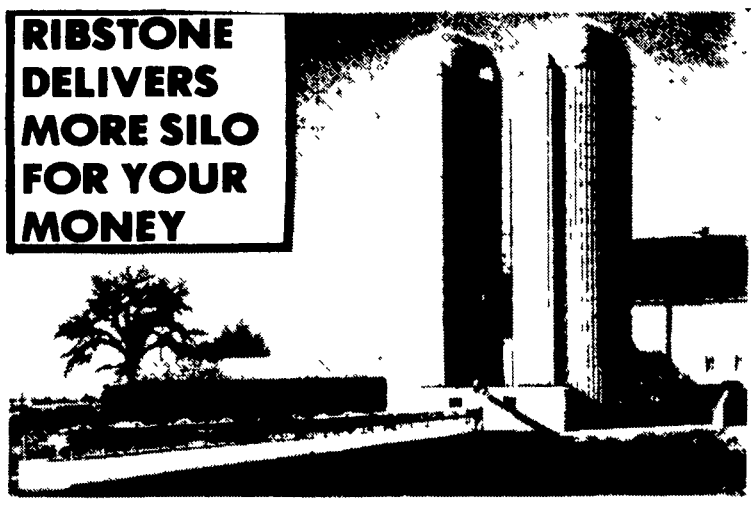

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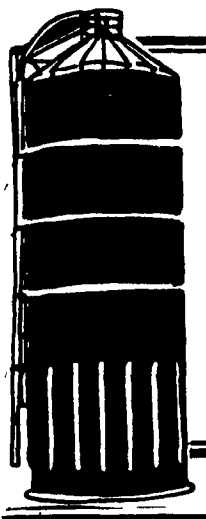

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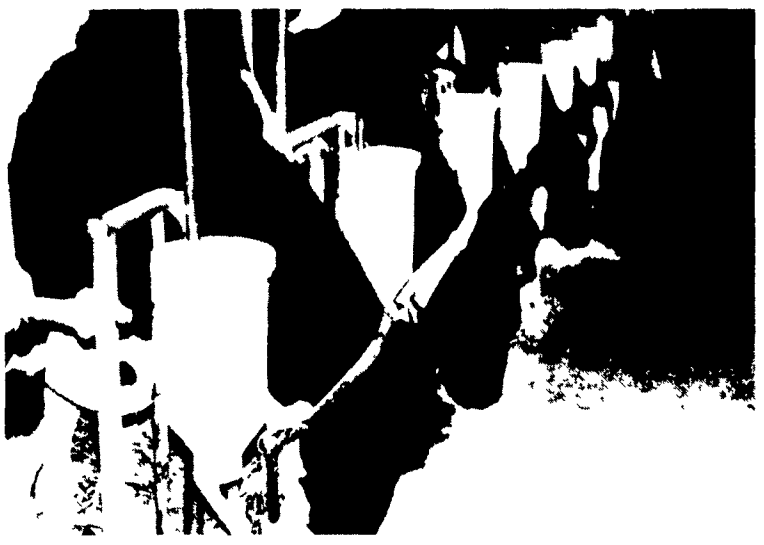

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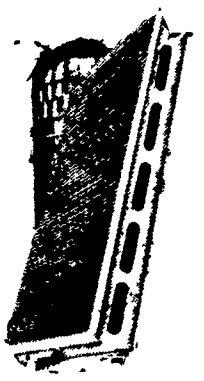

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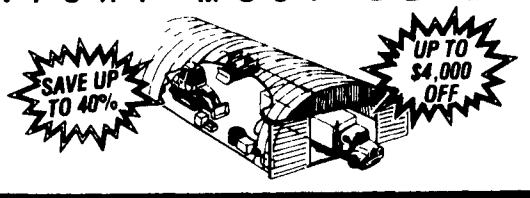

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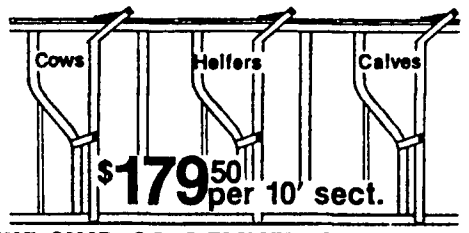

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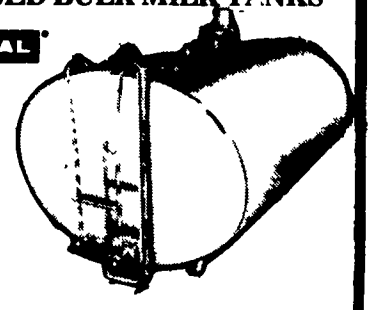

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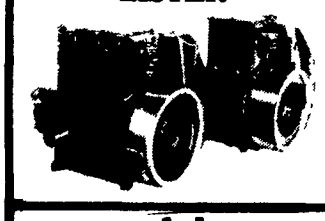

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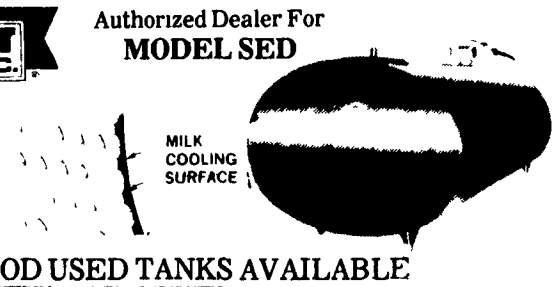

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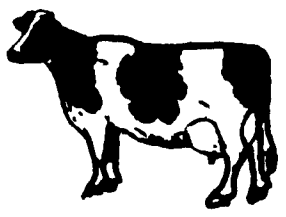

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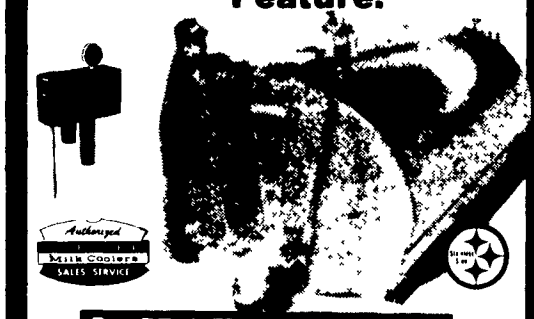

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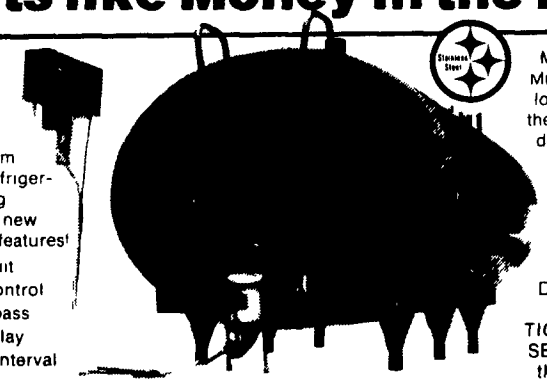

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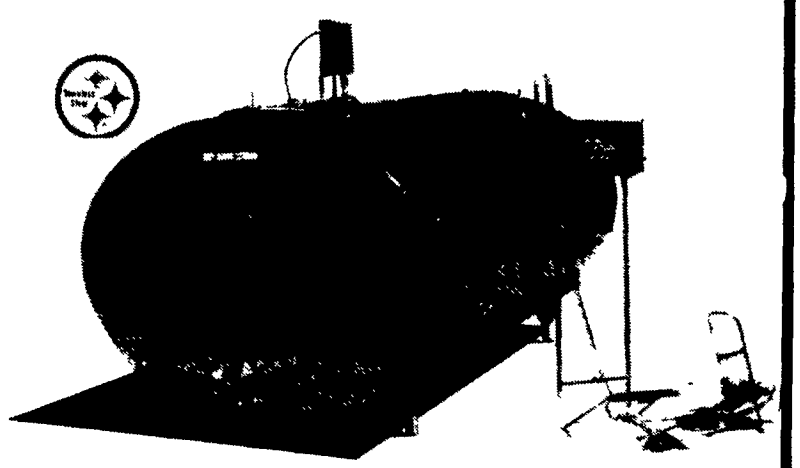

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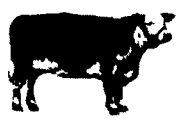

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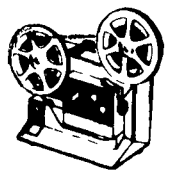

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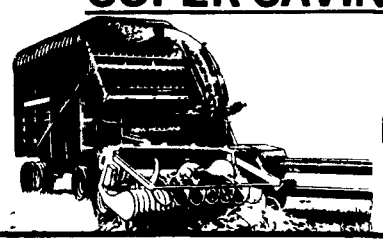

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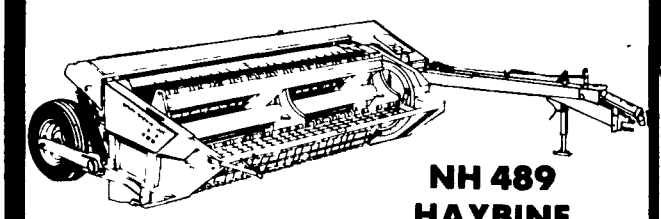

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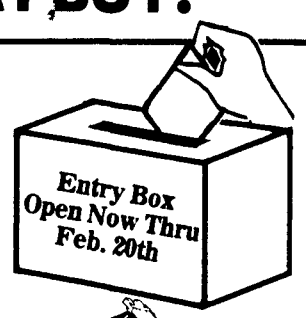

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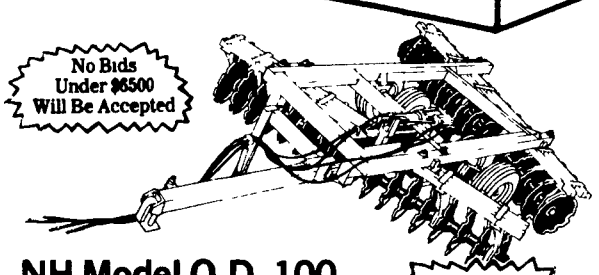

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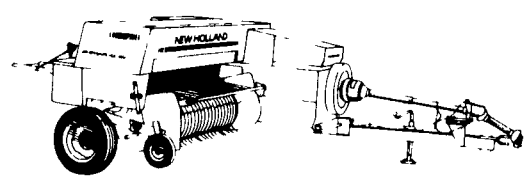

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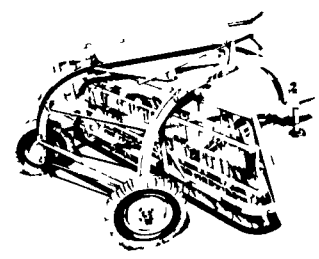

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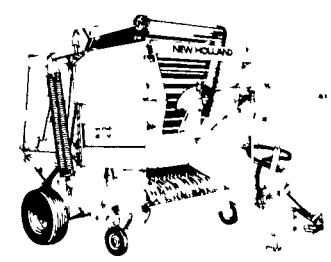

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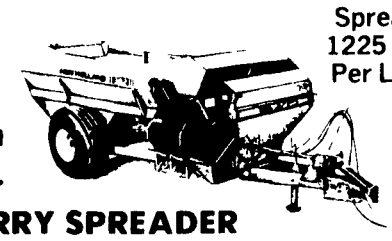

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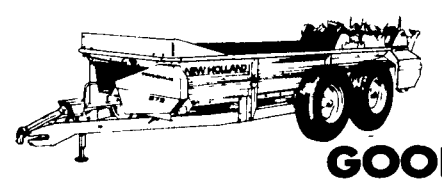

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Wean Earlier... Wean More Successfully with CRATE-MATE T.M.

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You'll see bigger pigs. Healthier pigs. With bellies full of feed and goin' for more.

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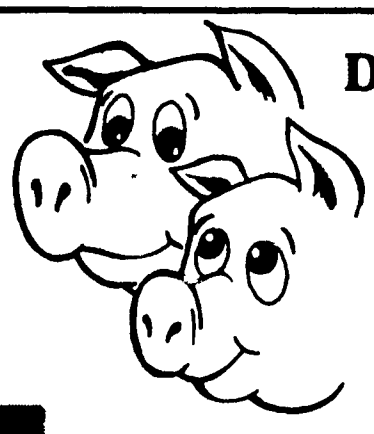
Stop By The Master Mix Booth At The Keystone Pork Congress To Receive Your Coupon For $10 Off If You Haven't Already Received It In The Mail.

Master Mix



Do You Have These Questions?

- Is 1987 going to be profitable?
- Do I get enough pigs/sow?
- Do I have the proper weaning schedule?
- What's my feed conversion?
- What's my Average Daily Gain?

If you are looking for answers, stop by our booth at the Master Mix Computer Program for Hogs. ASK US FOR ANSWERS.

SEE US AT KEYSTONE PORK CONGRESS
Feb. 19, 1987
Penn Harris-Motor Inn Harrisburg, PA

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1,500 Sows Power York County's Valley Pork

LANCASTER — Valley Pork, Inc. of Seven Valley, York County, went on line in spring of 1986 pumping hog waste into an anaerobic digester designed to deodorize manure and produce a substantial portion of the electricity and hot water necessary to run the 1,500-sow farrow to finish operation.

Valley Pork is a subsidiary of the Lancater County-based Hershey Equipment Company.

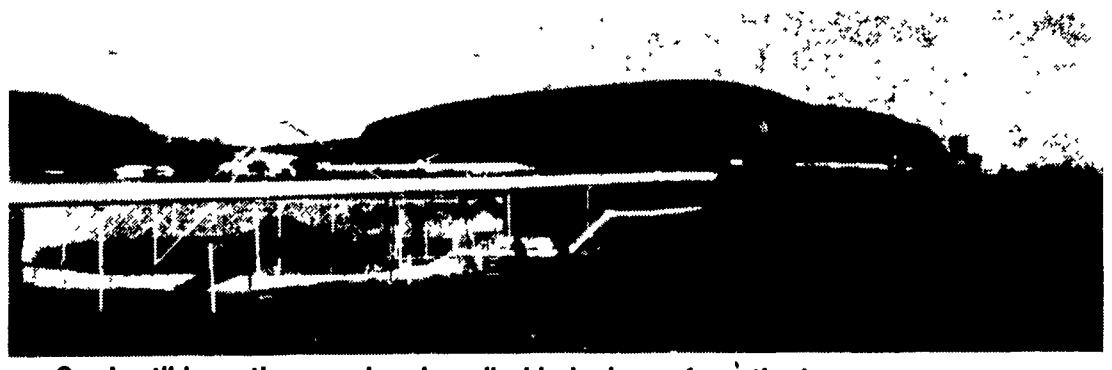
RCM Digesters, Inc. was contracted by Hershey in 1985 to design and start the digester. RCM is a Berkeley, California cogeneration company, founded in 1982. An RCM dairy digester functions at the Frey Dairy Farm in Conestoga, Lancaster County. Five RCM digesters operate in California, including a 1,000-cow dairy and a 180,000 bird layer operation.

Valley Pork waste handling is similar to most farrow-to-finish hog operations. Manure is stored in large tanks. With only minor plumbing changes, however, a digester has been added. Manure is pumped into a horseshoe-shaped 38-by-150-by-12-foot-deep digester. Once processed, the manure, now significantly lower in odor, is discharged into tanks where it is held for later land spreading.

The process of treating the waste is simple but entirely dependent on bacterial action. No chemicals are added. The manure is converted to a biogas mixture of methane and carbon dioxide which is combusted in a specially desinged 6-cylinder 195-horsepower Caterpillar 3306 engine. The attached generator converts engine torque into electricity for use on the farm or sale to the local public utility. During summer and fall the system has consistently reduced farm energy bills between $5000 and $6000 per month as compared to 1985. Approximately 18,000 gallons of treated manure is now being taken from the digester daily.

While supplying substantial portions of the electrical requirements of the farm and deodorizing the manure, the process also is designed to provide all the hot washdown water required to maintain the strict sanitary conditions in the hog houses. Additional heat is recovered and used in the hog house heating system.

By efficient heat recovery, Valley Pork is saving the cost of fuel oil and electrical energy normally purchased. The system has a calculated payback period of less than four years.



Combustible methane and carbon dioxide is drawn from the hog manure at Valley Pork, Inc. System deodorizes manure and produces enough electricity to pay for itself in four years.

Polled Hereford Assoc. Names Officers

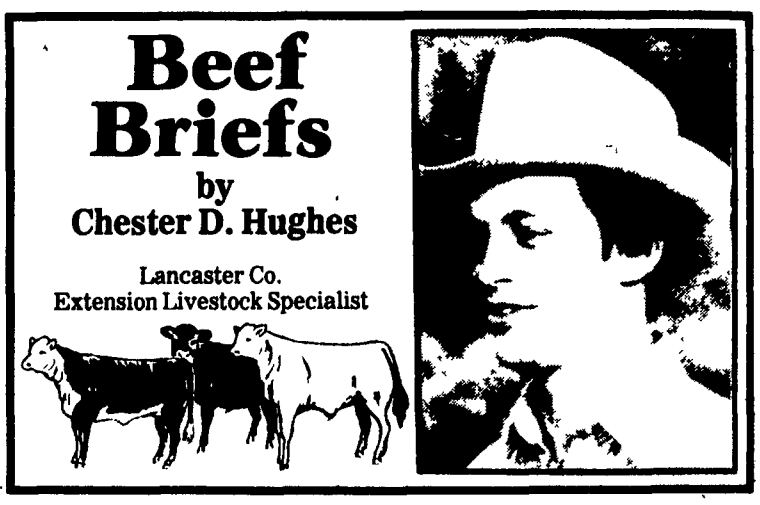
HARRISBURG — A Washington County cattleman will serve as president of the recently reorganized Pennsylvania Polled Hereford Association. Dr. Les Midla, owner of Flat Stone Lick Farm, Marianna, was elected during the association's annual Farm Show banquet.

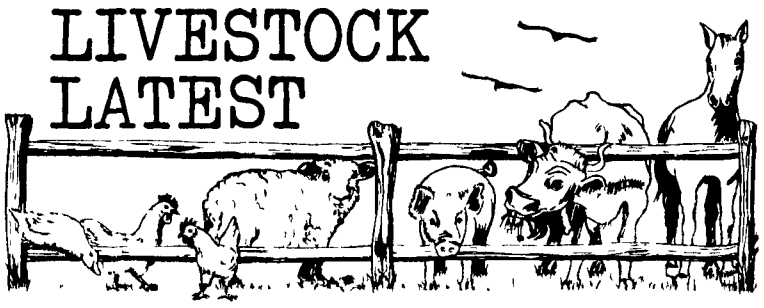
Other officers elected to serve a one-year term include: Paul Slayton of Falklands Farm, Schellsburg, vice president; Sam Hunter of Smithsburg, Maryland, treasurer; and Sheila Miller, Deitschland Farm, Womelsdorf, secretary.

Members elected to serve as directors on the association's 15-member board include: Mike Egleston of Egleston's Polled Hereford Farm, Elkland; George Metzler of Salunga Acres, Mount Joy; Faith Peterson of Spring Run Farm, Abbottstown; and Eugene Stockdale of Stockdale Hereford Farm, Dayton.

According to Midla, the association has a busy year in store. "We will be hosting a field day at one of our member's farms sometime this summer, and we will be sponsoring a sale in the near future," Midla said. "We're looking forward to hosting a Standard of Perfection Show during the Keystone International Livestock Exposition this coming October. The prestigious show will be held Sunday, Oct. 4. A reception at the Sheraton East in Harrisburg will be held Saturday evening before the show, at which time we will pay special tribute to two outstanding Polled Hereford breeders in Pennsylvania."

Midla moted the association welcomes new members. For more information about the association and its services, or the new directory, contact Sheila Miller, secretary, R.D. 1 Box 325, Womelsdorf, PA 19567; telephone 215/589-5617.





Keystone Pork Congress

UNIVERSITY PARK - The ninth annual Keystone Pork Congress will be held Feb. 19, 1987 at the Penn Harris Motor Inn in Camp Hill. This year's KPC will feature a trade show with more than 40 exhibits, a "Pork Bowl" contest for 4-H and FFA members, educational seminars, an "Ask the Specilaist" session, and the annual banquet of the Pennsylvania Pork Producers Council. Featured speakerks on the educational program include Art Leman, Illinois pork producer, and Eric Wowra, manager of a producer-owned packing plant. For programs contact your county extension office. For banquet reservations call Stephen Burkholder (215) 682-2871.

PRODUCER'S PROGRAM
Thursday, February 19
Main Ballroom

8:00 a.m. Registration - Doors open to Trade Show

Morning Session:
Chairman - Kenneth Kephart

9:50 a.m. Hog Market Outlook
H. Louis Moore

10:45 a.m. Management to Obtain Future Profits
Art Leman

11:30 a.m. NPPC Programs, National Pork Council Representative

Afternoon Session:
Chairman - Clyde Myers

1:30 p.m. A Practical and Painless Record-Keeping Approach
Michael Miller

2:00 p.m. Is Dust a Hazzard in Hog Houses?
Daniel Meyer

2:30 p.m. Will a Producer-Owned Packing Plant Work?
Eric Wowra

3:30 p.m. Ask the Specialist
Kenneth Kephart
Daniel Meyer
Michael Miller

PORK COUNCIL WOMEN'S PROGRAM
Thursday, February 19
Keystone E Room

Morning Session:
Mollie Geise, Presiding

10:00 a.m. Business Meeting

10:30 a.m. Flower Demonstration
Ray Grumbine

Afternoon Session:

12:30 p.m. Jr. Public Speaking Contest

2:30 p.m. Will a Producer-Owner Packing Plant Work?
Eric Wowra

KEYSTONE PORK BOWL
Thursday, February 19
Keystone D Room
Kenneth Winebark, Presiding

9:30 a.m. Preliminary Eliminations

2:00 p.m. Final Eliminations

CONGRESS BANQUET
February 19, 6:00 p.m.

Master of Ceremonies .... H. Louis Moore
Speaker..... Scott McKain

Time To Think Grazing Management

Livestock producers often pay more attention to their livestock than to their pastures and hayland Less attention to pastures and hayland is not necessarily due to lack of interest, but a result of a lack of information in a useable form concerning the basic concepts of grass growth and development. The livestock producer must understand that the plants he produces are no more complex than the animals he produces. A basic understanding of both plant and animal biology is critical to the success of today's livestock grazing enterprise.

Animals graze anytime forage is available. Therefore, there is no such thing as NO grazing management. Grazing is either done by design when controlled by a knowledgeable manager or by default when animals are allowed to graze without regard for plant and animal requirements. Remember, when grazing animals are forced to consume a forage of low quality or plants that are not palatable, their intake declines causing reduced performance. Repeated uncontrolled grazing will result in selective consumption of highly nutritious and palatable plants. The desirable plants will disappear from the pasture while the undesirable plants increase.

Grazing management must be designed with both plant growth and animal performance in mind. Maintaining a balance between plant and animal requirements is difficult, but necessary.

There are three fundamental processes that have an effect on the plant during grazing:

1. The grazing animal will either clip or tear off selected plant parts.
2. Plants are trampled and can suffer some mechanical damage.
3. Fouling (manure and urine) will occur.

All of these are part of the grazing process, but defoliation is probably the most important from the standpoint of effect on the plant as well as its direct effect on the animal. Understanding the defoliation process is important, since the predictability of the defoliation process is an integral part of any grazing management program.

Livestock are very selective in their choice of plants and will consume the most palatable plant parts first A seed mixture should contain plants with similar palatability and growth form. If a less palatable grass is included in a mixture with palatable species, the less palatable grass will soon dominate the pasture as a result of selective grazing.

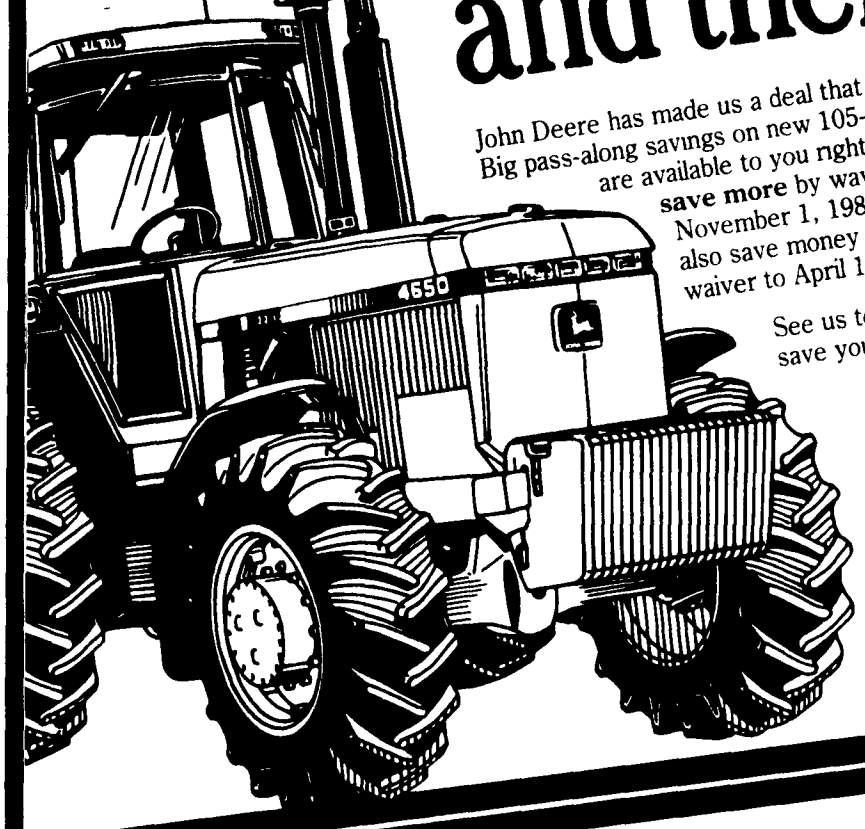
It is also important to remember that energy reserves increase in crowns during the latter part of the growing season and buds for next years tillers develop. Consequently, severe defoliation near the end of the growing season will reduce the production of crown tissue and cause a decline in forage production the following year. On occasion, it may be necessary to intensively graze a pasture late in the season. If the grass has been properly managed in previous years, it will recover from this late season grazing; however, the same pasture should not be the last pasture grazed the following year.

Successful livestock production cannot be accomplished by ignoring either plant or animal requirements. It will require several kinds of forages, several pastures and a grazing plan. A livestock producer must visit his pastures frequently to not only check the livestock, but to also check on the grasses to see how they are doing. Try to anticipate what is happening with the grasses and correct any potential problem before it is apparent in livestock performance.

It is time now to think of pasture and hayland management. Before you know it the snow will be gone and new grasses will begin a new grazing season.

JOHN DEERE 105/190-HP TRACTORS

SAVE BIG and then some



John Deere has made us a deal that will save you a bunch. Big pass-along savings on new 105-hp to 190-hp John Deere tractors are available to you right now. Come in and save big and then **save more** by waving finance charges good-bye to November 1, 1987, for qualified buyers.* And, you can also save money on most used tractors with a finance waiver to April 1, 1987.

See us today for a tractor deal that will save you a bunch.

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Blow, Throw, or Push

We make snow removal easy

Nothing Runs Like a Deere®

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A John Deere tractor and snow removal attachment handles even the worst snow conditions.

Move snow from large areas with a snow blower and tractor combination. We have big two-stage snow blowers for compact utility tractors, utility tractors and lawn and garden tractors.

Snow throwers are available for all lawn tractors and lawn and garden tractors. Cutting paths range 38 to 46 inches.

Front blades are also available for all tractors. Sizes range from 42 inches for all lawn tractors to 84 inches for utility tractors.

See us today for the snow removal attachment that's right for your budget and needs.

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Tunkhannock PA
717 836-4011
Eves 717 836-4302

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Needmore, PA
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CLUGSTON IMPLEMENT, INC.
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717 263 4103

ENFIELD EQUIPMENT INC.
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EVERGREEN TRACTOR CO., INC.
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FOSTER EQUIPMENT SALES
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H.R. GUTSHALL & SONS, INC.
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A.B.C. GROFF, INC.
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ROBERT G. HAMPTON, INC.
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KERMIT K. KISTLER INC.
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LANDIS BROS. INC.
Lancaster PA
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LEHIGH AG EQUIPMENT
Wescosville PA
215 398 2553

LOST CREEK IMPLEMENT
Oakland Mills, PA 17076
717 463 2161

ROBERT E. LITTLE INC.
Zieglerville PA
215 287 9643

MAKAREVICH BROS., INC.
Hackettstown NJ
201 852 4488

OXFORD GREENLINE
Oxford PA
215 932 2753
215 932 2754

PIKEVILLE EQUIPMENT INC.
Oyster Dale Road
Oley RD2, PA
215-987-6277

GEORGE V. SEIPLE & SON
Easton, PA
215-258-7146

SMITH'S IMPLEMENTS, INC.
Mercersburg PA
717-328-2244

SOLLENBERGER EQUIPMENT
Everett, PA
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New Rabies Law Effective Feb. 13

As of February 13, 1987, Pennsylvanians who own or keep dogs and household cats over three months of age must have them vaccinated against rabies.

Vaccinations are mandated by the Rabies Prevention and Control in Domestic Animals and Wildlife Act, which was signed into law by Gov. Dick Thornburgh on Dec. 15, 1986.

Those who violate the law could be fined up to $300. The following summary of the act is provided to help Pennsylvanians comply.

VACCINATIONS & CERTIFICATES: Rabies vaccinations are required for dogs and household cats over three months of age. Inoculations must be administered or supervised by a licensed veterinarian. For each animal vaccinated, the veterinarian must provide the animal's owner or keeper with a vaccination certificate and tag.

BOOSTER VACCINATIONS: Animals over one year of age must receive a booster vaccination one year after the original inoculation, then at least every three years thereafter. Animals older than one year must have boosters at least every three years after the original vaccination.

VACCINATION RECORDS: Information from rabies vaccination records cannot be used to license animals or to tax individuals owning animals.

KENNEL OWNERS: State licensed kennel owners may administer rabies vaccines to animals they own if they are certified as qualified to do so by the Pennsylvania Department of Agriculture. Until they are certified, kennel owners must have their animals inoculated by or under the supervision of a licensed veterinarian.

ENFORCEMENT OF THE LAW: Police, state dog wardens and municipal animal control officers are charged with enforcement. Those convicted of violating the law can be fined up to $300 for each day they are in violation.

RABIES VACCINATION CLINICS: The Department of Agriculture will assist municipalities, civic groups and others in establishing clinics. It will provide technical advice and information about vaccine and veterinary services. It also will help publicize clinics scheduled. Clinic sponsors should contact the Department for assistance.

It should be noted that dogs and cats must be vaccinated, effective February 13, 1987, whether or not clinics are available to their owners. The inoculations can be obtained from licensed veterinarians as well as clinics.

Rabies threatens the lives of humans and it is spreading across Pennsylvnaia. In raccoons and skunks, the outbreak is an epidemic. Unvaccinated dogs and cats are a threat to spread the disease. They have frequent contact with humans and wild and domestic animals.

Rabies is a virus disease most frequently transmitted through the bite of an infected animal. It also can be transmitted by contamination of open wounds, a flesh abrasion or scratch, or the eye with virus in saliva from a rabid animal.

Symptoms of rabies in animals vary from a quiet depressed state to a furious erratic behavior pattern. Changes in behavior and temperment are early symptoms.

If you are bitten by an animal, wash the wound thoroughly with plenty of soap and water. Contact a physician about medical treatment

If the biting animal is a domestic dog or cat, confine and isolate it. Contact a veterinarian about having the animal examined and for handling procedures.

Wild animals suspected of having rabies should be humanely killed without damaging the brain. A veterinarian can advise on procedures to follow in delivering the animal or its head to a qualified laboratory to determine if it is rabid. Wear plastic or rubber gloves to handle the animal.

Keep the head or carcass of the specimen in a sealed container and refrigerate with ice. Do not use dry ice and do not freeze it.

Pets exposed to a possibly rabid animal should be confirmed, isolated and handled as little as possible. Contact a veterinarian for advice.

In the event of a pet or human exposure to rabies, assistance can be obtained through the Department of Agriculture and Health, humane societies and local and state police. If a wild animal is involved, Game Commission representatives in your area should be contacted. The Department of Health has a toll-free number (1-800-692-7254) to receive calls about rabies exposure incidents.

Licensed Vet Must Give Vaccination

HARRISBURG – The Pennsylvania Department of Agriculture recently warned that rabies vaccinations given to dogs and cats by their owners will not be valid under a new state law that mandates rabies inoculations as of February 13.

"Only inoculations administered or supervised by a licensed veterinarian will be acceptable under the law, whether the vaccination is given before or after February 13," noted Dr. Max A. Van Buskirk, Jr., director of the Bureau of Animal Industry.

"The only exception will be state licensed kennel owners who become certified by the Department to inoculate animals they own," Van Buskirk said. "Inoculations they give before they are certified will not be valid.

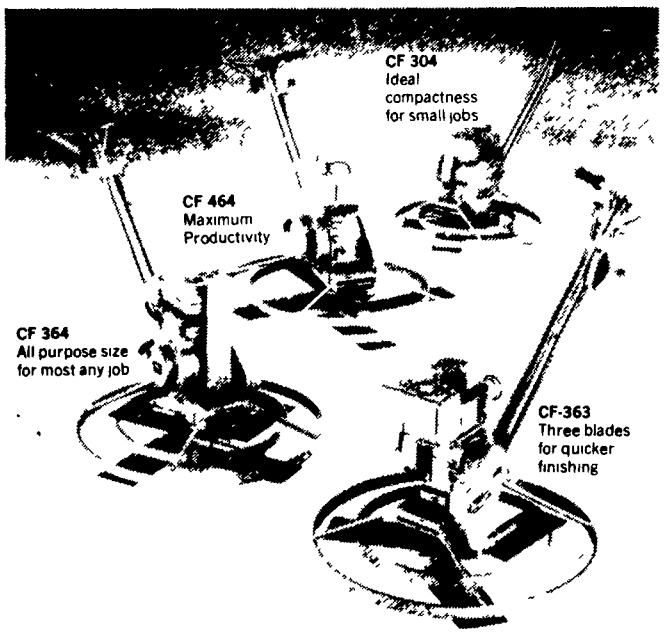
"We know from inquiries to the Department that some owners, including uncertified kennel owners, wrongly believe that inoculations they give their dogs and cats between now and February 13 will put them in compliance with the law," he added.

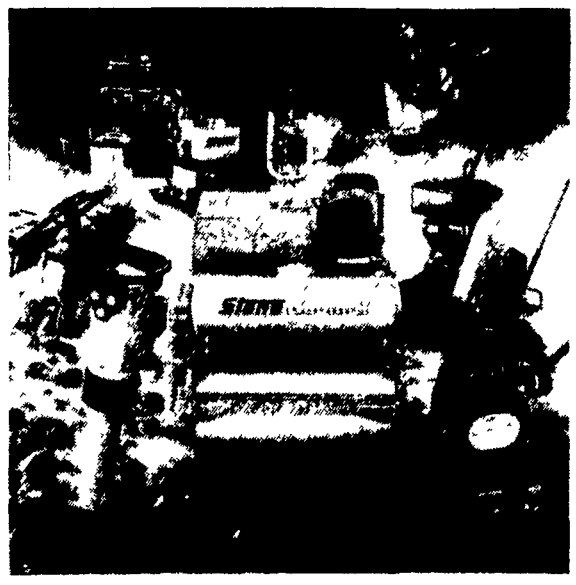
"Evidence of a valid vaccination will be the certificate that the new law requires veterinarians to issue to the owner of each animal vaccinated," Van Buskirk said.

The law applies to all dogs and household cats over three months of age. Cats covered by the law are those that spend any part of a day in a residence inhabited by a human. Owners convicted of violating the law can be fined up to $300 for each day their animals remain unvaccinated.

To help Pennsylvanians understand and comply with the law, the department has published a free brochure about the law. It can be obtained by sending a postcard to Rabies Brochure, Department of Agriculture, 2301 N. Cameron Street, Harrisburg, PA 17110, or by calling 1-800-AG-PENNA.

CHECK OUR WINTER SPECIALS





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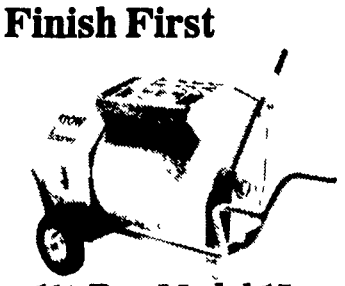

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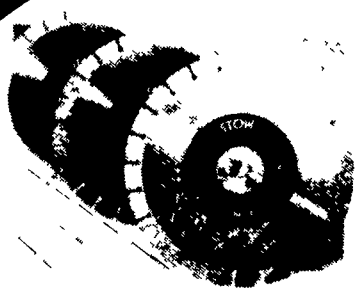

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Cornell To Host NY Polled Hereford Sale

ITHACA, N.Y. — Again this year, the three breeder associations in New York that represent and promote Polled Hereford cattle are planning a large spring sale of high-quality breeding stock. The second annual "Spring Select Show and Sale" will be held May 9, with the show presently slated to start about 9 am, followed by the sale at about 12:30 pm at the Cornell University Livestock Pavilion in Ithaca.

All females in the sale will have been born Jan. 1, 1984 or later, and those females over two years of age will either be bred or have a calf at side. The offering, which is expected to consist of about 50 lots, will also include yearling heifers out of the nation's top sires, and a selected group of promising young bulls. All animals will be shown at halter and will have been properly vaccinated according to NYS Health Regulations.

Entry requirements are available from the following representatives of each of the sponsoring associations: Bob Card, EPHA (607) 836-6258, Herb Marshall, NYPHA (315) 776-4771, and Pete Anderson, NYHA (914) 887-4238. All sale nominations are due by February 15, 1987, and should be mailed to Winifred Clark, RD #1, Box 269A, Clinton, NY 13323.

The auctioneer for the "Spring Select Sale" will be livestock salesman Red Shaw. The show judge is yet to be selected.

Catalogs are expected to be mailed in late March to association members, plus other Northeast breeders, and can also be obtained by contacting Winnie Clark at (315) 853-5011.

Top Selling Gilt

Dave Holloway of Holloway Durocs, Glen Rock, showed the top selling gilt over all breeds at the State Farm Show. Sired by Mango, the premier sire of the Keystone International Livestock Expo, the female sold to Calvin Lazarus and Sons, Whitehall, for $1,150.

Lancaster Sheep Assoc. To Meet

LANCASTER — Anyone interested in sheep and wool production is invited to attend the first annual meeting of the new Lancaster County Sheep and Wool Growers Association to be held at 7:30 p.m. on Tuesday, Feb. 10, at the Lancaster Farm and Home Center.

H. Louis Moore, Penn State Extension ag economist will be featured with his "Sheep Industry Outlook." A short business meeting, election of new officers and board delegates, and a social time with refreshments are also on the agenda.

Local sheep producers are urged to join the new association which hosts educational and promotional events throughout the year.

Lanc. Extension To Hold Swine Meetings

LANCASTER — The Lancaster County Extension Service is sponsoring a day of educational swine meetings for producers in informal settings at two locations in the county. These sessions will feature Penn State Extension swine specialists Dr. Ken Kephart and Dr. Mike Miller who are prepared to answer a wide range of questions pertaining to any phase of pork production. If you have questions or problems in the areas of management, nutrition, genetics or health take advantage of this opportunity. The "Ask The Specialist" meetings will be held at the following times and locations on Feb. 11.

- 10 a.m.-12 noon - Summit Valley Elementary School, Rm. 10.
- 1 p.m.-3 p.m. - Leola War Memorial Building (Rt. 23).

Kevin R. Cera

Swine Specialist

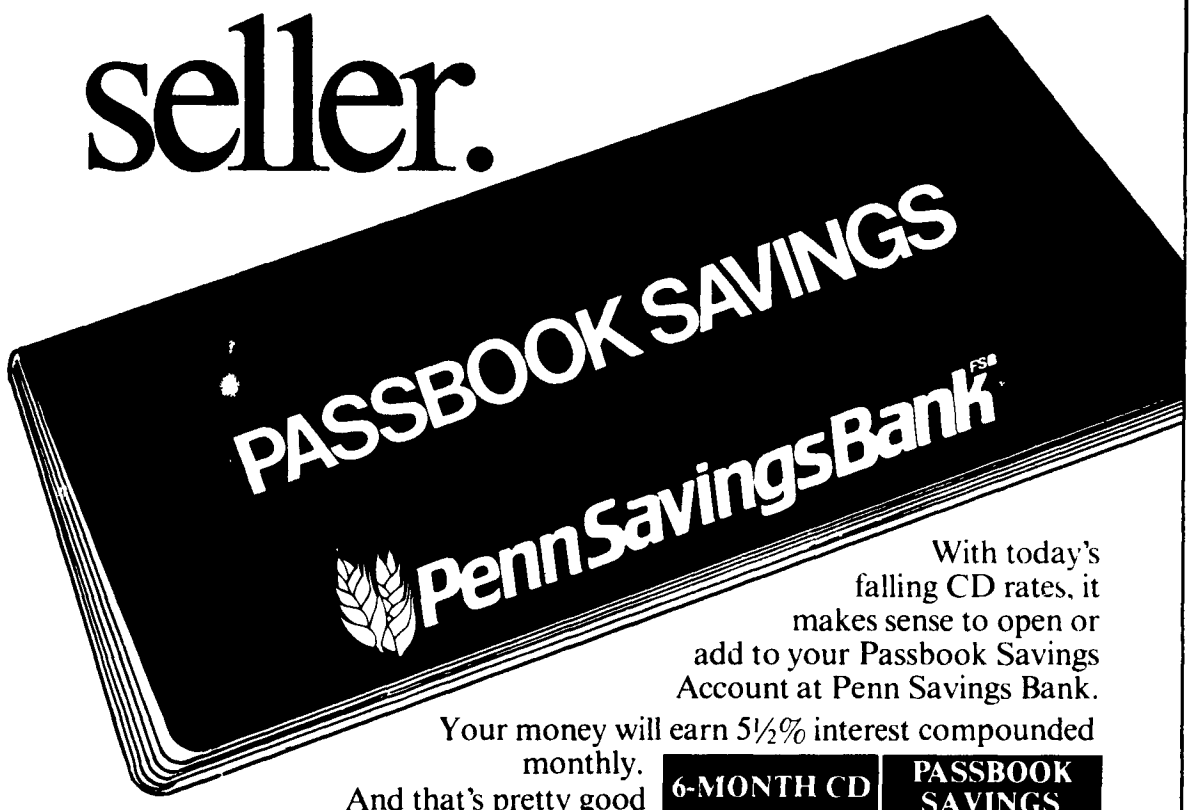
NEWARK, Del. — Dr. Kevin R. Cera has joined the University of Delaware Extension staff and the department of animal science and agricultural biochemistry as swine specialist and researcher, effective Jan. 1. He will also supervise the university's swine research unit, which is located at the Research and Education Center near Georgetown.

Cera holds a doctorate in swine nutrition from Ohio State University, as well as a master's degree in animal nutrition from Texas Tech University. He earned his undergraduate degree in agriculture at West Virginia University.

Before starting work on his Ph.D., the Ohio native spent three years managing commercial and purebred swine operations in Iowa and Minnesota. His doctoral research concerned the use of supplemental dietary fat by early weaned pigs.

In addition to his extension work with pork producers, Cera will conduct research on swine nutrition. He will work out of the university's Georgetown center.

At 5½%, this book is our best seller.



With today's falling CD rates, it makes sense to open or add to your Passbook Savings Account at Penn Savings Bank.

Your money will earn 5½% interest compounded monthly.

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Asgrow's Ray Layser (left) congratulates Mifflinburg salesman Dave Galer with the firm's Sales Achievement award.

Norman Tyson, (left) general manager of Seedway's York Division, receives sales award from Ray Layser.

Asgrow Seed Recognizes Pa. Distributors

YORK – Asgrow Seed Company of Kalamazoo, Michigan presented its Sales Achievement Award to two Pennsylvania firms on Jan. 22.

Cited for outstanding sales were the Seedway sales divisions in Mifflinburg and York.

Asgrow annually recognizes superior sales performance of its distributors throughout North America by presenting the award to distributors achieving significant increases in market share of Asgrow hybrid corn and soybean products.

Seedway Inc. is a regional seed company based in Hall, NY. Asgrow is known internationally as a developer of hybrid seed corn and soybeans.

Armstrong To Add Farm Tire Sizes

NEW HAVEN, Conn. – Armstrong Tire Company will expand its role in the farm tire market during 1987, following the purchase of nine additional tire mold sizes from B.F. Goodrich.

This mold hardware will be placed in production at Armstrong's Des Moines, Iowa, factory where its other farm tires are manufactured. In 1986, Armstrong acquired Goodrich's Logger Steel LS-2 and Special Service R-2 tire lines.

"Armstrong has always been strong in the farm market, but there were certain segments we had not pursued," explained Brad Firkins, product manager.

Armstrong has purchased four new sizes of R-3 tires for tractor, combine and grain cart applications. These sizes for 12.4-38, 13.6-28, 24.5-32, and 30.5L-32.

Armstrong will broaden its bias R-1 tire line with the acquisition of 9.5-32 and 12.4-42 mold hardware. The former size is a specialty item for older model tractors, while a 12.4-42 is used for narrow row-cropping where tractor clearance is critical.

Armstrong will also add to its implement tire line with the addition of 9.00-24 and 11.25-24 I-1 sizes, and a 13.5-16.1 I-3 size.

Lancaster Co. Poultry Queen

Lancaster County Poultry Queen Beth Simmons, Elizabethtown, kicked off the new year by promoting eggs at the Farm Show. She is shown with marketing manager Eli Wenger (left) and operations manager Marlin Martin of Plain & Fancy Egg Ranch, Elizabethtown. A junior at Elizabethtown College, Miss Simmons is employed by Plain & Fancy.

McCracken Dairy Seminar Scheduled

MANHEIM – McCracken's Feed Mill of Manheim will hold its fifth annual dairyman's seminar on Tuesday, Feb. 17, at the General Sutter Inn, Lititz. The seminar runs from 9:30 a.m. to 3 p.m. and features three speakers.

Cornell University's Dr. L. E. Chase will speak on new feeding concepts, feeding management for high producers and dairy heifer management. J. Wade Groff, director of Interstate Milk Producers Cooperative, will give a milk marketing update, and a consulting nutritionist from Missouri, Dr. L. L. Linn, will talk about the value of probiotics.

For more information contact McCracken's Feed Mill, Inc., 717-665-2186.

BUSINESS NEWS...

Harris Savings Reports Growth In 1986

HARRISBURG – The 100-year-old Harris Savings Association has completed another year of growth and expansion in the south central Pennsylvania area.

With savings and mortgage lending as its basic business, Harris has expanded and diversified in recent years to offer retail banking services as well as consumer lending.

According to year-end figures released from the association, Harris Savings has again attained the distinction of being the oldest and largest organization of its kind headquartered in this area.

Byron K. Catherman, chairman of the board and chief executive officer of Harris noted that lowered interest rates contributed to an excellent year.

Harris' assets now total $729,497,081; an increase of $89,870,330 over the previous year.

Savings deposits at Harris have increased $60,265,944 to an all-time peak of $657,338,766 and interest paid to Harris savers now exceeds the 50-million-dollar mark.

Lowered interest rates also sparked mortgage lending this year with 14,815 customers having borrowed $576,030,500, an increase of $54,113,642 over the previous year. Mortgage originations showed a 51 percent increase over the previous, record-breaking period. Over 3,100 new mortgage loans totaling $191 million provided an active reporting period.

Harris also experienced a 68 percent increase in construction lending; with $62.5 million devoted to the construction of 874 new single-family homes.

During the past year, Harris has established Harris Loan Centers in all five counties of operation, increasing operating and delivery efficiency. The association is currently working on even more auxiliary services for loan customers.

Another outstanding Harris event of 1986 was the election of Jack W. Shader, Sr. to the position of association president and chief operations officer. Shader has served Harris for over 34 years.

For 1987, Harris plans the opening of a new branch office in the Valley Green Mall, bringing its total operating branch locations to 16 offices. The association also expects its new toll-free telephone number to be a helpful marketing factor to customers looking into Harris offerings.

When asked about the recent diversification of products and service, Harris Chairman Catherman responded, "I still strongly believe that home ownership is the basis of our strong economy . . . and that the additional services we provide are essential to prudent financial management of those economies. Harris Savings has been dedicated to thrift and home ownership since 1886. Our second century of service will pay even greater dividends for our customers."

Catherman concluded the annual meeting with election proceedings and the following individuals constitute the Harris Savings board of directors and officers:

B. K. Catherman, board chairman and CEO; Jack W. Shader, Sr., president and chief operating officer; William J. McLaughlin, vice president/Mortgage Lending; Clarence J. Walter, vice president/Retail Banking; Isabelle F. Ommert/vice president and corporate secretary; Ben Sarfert, Sr., vice president and chief financial officer and Harry W. Deiter, treasurer/controller.

Elected to the board of directors were: Catherman, Shader, Ommert, Lawrence Cirillo, C. Ted Lick, Robert R. Roebuck, Dr. John S. Bray, Robert E. Kessler, Bernard S. Brenner, Robert A. Houck, N. Carl Vandling and Samuel M. Altdoerffer, Sr. Director Emeritus is Mr. C. H. Ebner.

Lancaster Farm Credit Announces Merger Proposal

LANCASTER – Directors of the Lancaster Farm Credit Service have endorsed a proposal which could lead to the consolidation of the local agricultural lending institution with 25 other Farm Credit Associations operating across a five state mid-Atlantic area and in Puerto Rico.

James S. Owens, president of the Federal Land Bank Association (FLBA) and Production Credit Association (PCA) that make up Lancaster Farm Credit Service, said the merger plan, currently under review by a federal regulatory agency, could help streamline lending operations and cut costs by reducing non-productive and duplicative administrative tasks handled by each of the 26 Farm Credit Associations.

"This merger proposal has been carefully developed, reviewed and approved by the boards of directors of all the associations and we are prepared to recommend it to our stockholders," said Owens. "We believe the advantages of this merger proposal outweigh any disadvantages associated with it."

Owens said that the proposal had been under development for over six months and represented a consensus approach to restructuring association operations in order to provide more efficient, responsive and competitive credit and financially related services to the agricultural community.

Owens explained that the proposal is still subject to change until final approval by the Farm Credit Administration (FCA) is received.

"It would be inappropriate to discuss details of the proposal until we have FCA concurrence," Mr. Owens stated. "Be assured that as quickly as approval is received, a comprehensive disclosure of the impact of the consolidation plan will be mailed to all Association borrowers/stockholders prior to the voting date. Ultimately it will be up to Farm Credit's member borrowers to decide the merger issue," Mr. Owens added.

Under the proposed merger plan, the 26 local FLBAs and PCAs would be merged into one district-wide FLBA and one PCA. The merger proposal will be submitted for approval to association borrowers in early March, subject to concurrence by the FCA. If approved by a majority of the voting borrowers, implementation of the proposal will begin on Mar. 31.

The proposal would consolidate 26 associations currently serving the Baltimore Farm Credit District into 15 divisions with centralized management and an initial 52-member board of directors. The board of directors of the district-wide association would continue to be elected by stockholding borrowers and would have similar policy making authorities as are currently vested in each of the 26 association boards.

Under the proposed restructuring plan, financial services will continue to be offered through networks of local branch offices. Local loan approval authorities will be equal to or greater than current levels.

The Lancaster Farm Credit Service has its headquarters office in Lancaster, with branches in Quarryville, New Holland, Lebanon and Elizabethville. The association is providing more than $161 million in long and short term credit to over 2,180 farmers, agribusinesses and rural residents.

The Farm Credit System

Farm Credit News

FREE FREIGHT ON ALL CONVEYORS

MANURE SPREADER CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	APRON PRICE STEEL DETACH CHAINS
Akey	M18	POR	—	POR
Akey	M50	POR	—	POR
Akey	M90	POR	—	POR
Allis Chalmers	281-140S	$295.46	$295.46	$237.50
Allis Chalmers	299-180S	$340.80	$340.80	$272.41
Badger	100	$329.86	$329.86	$263.99
Badger	150	$361.00	$361 00	$287.97
Badger	160	$328.52	$328.52	$262.96
Badger	200	$384.85	$340.66	$272.30
Badger	205	$414.84	$414.84	$329.42
Badger	240	$473 43	$418.36	$332.13
Badger	3210	$424.45	$375 40	—
Badger	3260	$497.17	$434.80	—
Badger	3330	POR	POR	—
Balzer	204	POR	POR	POR
Balzer	240	$511.05	$451 36	—
Balzer	300	POR	POR	POR
Balzer	307	POR	POR	POR
Balzer	410	$365.72	$323 88	$259.38
Balzer	440	$427.69	$378.24	$301.24
Balzer	515	$883.90	$435 96	$345.68
Balzer	700	$1069.64	$546 36	$430.69
Big Blue		$308.64	$308 64	$246.91
Case	T6	$284.50	$284 50	$227.60
Case	T8	$296.24	$295 24	$236.19
Case	TW 6 9,95	$265 80	$265.80	$212.64
Case	75	$250 50	$250 50	$200.40
Case	85	$258 74	$258 74	$206 99
Case	100	$277 66	$277.66	$223 79
Case	105	$319.60	$319.60	$255 72
Case	115	$319.60	$319 60	$255 72
Case	125	$319.60	$319 60	$256.09
Case	130	$287.07	$287 07	$229.65
Case	135	$319.60	$319 60	$255 72
Case	140	$293.14	$293 14	$235 71
Case	170	$338 50	$338 50	$270 80
Case	180	$395 80	$395 80	$314.76
Cobey	60	$297.07	$297 07	$237.65
Cobey	75	$274.42	$274 42	$219 54
Cobey	100	$274 42	$274 42	$219 54
Cobey	130	$374 66	$331 66	$265 33
Cobey	150	$324 68	$287 88	$230 30
Cobey	200D	POR	POR	POR
Cockshutt	623A	$289.00	$289.00	$231.20
Cockshutt	623B	$289.00	$289.00	$231 20
Co-op	31T	$289 00	$289 00	$231.20
Cunningham	85A	POR	POR	POR
Cunningham	110BU	$319 00	$319 00	$255.20
Decker	100, 101, 301	$314 52	$314.52	$251.61
Decker	200,201,401	$371 16	$371 16	$296.93
Decker	501	$466 04	$411 88	—
Decker	601	$416 63	$416.63	—
Eze-Way		$283 44	$283 44	$226 75
Farm-Eze	130A	$291.86	$291.86	$233.49
Farm-Eze	160A	$319 55	$319.55	—
Farm-Eze	170B	$344 40	$344.40	—
Farm-Eze	1300	$294 70	$294.70	$253 76
Farm-Eze	1700	$322 33	$322 33	—
Farmhand	F6025	$370.72	$370.72	$296.57
Farmhand	110	$313.75	$313.75	$251.00
Farmhand	175	$390.88	$390.88	$312.70
Farmhand	200	$358.36	$358.36	$286.68
Farmhand	430	$277.02	$277.03	$221.62
Farmhand	450	$571.38	$571.38	—
Farmrite	M135	$308.64	$308.64	$246.92
Farmrite	M165	$363.34	$362.34	$289.87
Ferguson	A10,21,22	$255.72	$255.72	$204.58
Forage King	160	$369.65	$369.65	$295.72
Forage King	190	$405.43	$405.43	$324.34
Ford	2016	$323.35	$323.35	$258.68
Ford	2017	$323.35	$323.35	$258.68
Freeman		POR	POR	POR
Gehl	180	$380.07	$380.07	—
Gehl	250	$427 54	$427.54	—
Gehl	350	$349.51	$349.51	$279.12
Gehl	500	$410.87	$410.87	—
Gruett		$322.07	$322.07	$257.66
H&S	180	$365.00	$365.00	$291.05
H&S	220	$365.00	$365.00	$291.05
H&S	295	$492.28	$492.28	$389 05
H&S	350	$537.18	$537 18	—
Huebner		$343 17	$343 17	$274 53
Int. Harv	21,30,31	$286.15	$286 15	$228.92
Int Harv	35	$311 65	$311 65	$249 32
Int Harv	40	$376 86	$376.86	$301.48
Int Harv	100	$177.10	$177.10	$150.53
Int Harv	101,102,103	$253.50	$253.50	$205.19
Int Harv.	125,130	$322 37	$322 37	$258.22
Int Harv	150,155,160	$376 86	$376 86	$300 18
Int Harv	175	$386.11	$386.11	$308.88
Int Harv	200F	$303.72	$303.72	$242.97
Int. Harv	200HT	$252 40	$252.40	$201.92
Int Harv.	320	$409.09	$409.09	$324 99
Int Harv	400,400A	$343.46	$343 46	—
Int Harv	530	$386.66	$342 25	$237.53
Int Harv	540	$428.52	$378.97	—
Int Harv	550	$510 53	$450 91	—
Int Harv	555	$510 53	$450 91	—
Int Harv	560	$599 80	$529 97	—
Int Harv	570	$325 72	$325.72	$260.80
Int Harv	575	$325 72	$325.72	$260.80
Int Harv	580	$372 55	$372.55	$296 86
Int Harv	595	$469.57	$414 97	$329 52
Jadco	Small	$266 91	$266 91	$213.53
Jadco		$309 40	$309.40	—
John Deere	H,I,,M,E,K	$232 90	$232.90	$186 32
John Deere	N	$276 08	$276 08	$220.86
John Deere	R-W	$244.82	$244 82	$195.86
John Deere	2W	$291 40	$291.40	$233.12
John Deere	4	$309 40	$309 40	$247 52
John Deere	33	$318 75	$318 75	$255.43
John Deere	34	$363 86	$322 25	$258 13
John Deere	40	$376 12	$333 00	$266 41
John Deere	44	$424 11	$375 10	$298.82
John Deere	54	—	$442.00	—
John Deere	660	$643 96	$424.76	—
John Deere	680	$496.85	$438.91	—
Kasten	135	$334.21	$334.21	$267.34
Kasten	175	$362.81	$362 81	—
Kasten	250	$451.55	$451 55	—
Kasten	270	$422.65	$422.65	—
Kasten	325	$513.07	$513.07	—
Kasten	400	$513.07	$513.07	—
Kelly Ryan	4x10	$291.35	$291 35	$233.08
Kelly Ryan	4x12	$348.68	$348.68	$278.94
Kelly Ryan	110	$288.26	$288.26	$230.60
Kelly Ryan	130	$345.59	$345.59	$276.47
Kelly Ryan	150	$394.45	$394.45	$315.56
Knight	66	$291.67	$291.67	$233.34
Knight	88	$371.46	$371.46	$297.17
Knight	135,140	$347.02	$347.02	$277.62
Knight	115	$303.40	$303.40	$242.72
Knight	180	$379.56	$379.56	—
Knight	195	$390.63	$390.63	$310 78
Knight	235	$417.64	$417 64	—
Knight	250,252	$429.22	$429.22	—
Knight	300	$464.41	$464.41	—
Knight	350	$351.19	$351.19	—
Knight	410	$398.27	$398 27	—
Knight	500	$385 77	$385.77	—
Knight	510	$385.77	$385.77	—
Knight	650	$483 21	$483.21	—
Lundell		$331.44	$331.44	$265 15
Massey Ferg	A-10,A-21,A-22	$249.73	$249 73	$199.78
Massey Ferg.	18,20	$286 79	$286.79	$229.43
Massey Ferg	110,130	$286 36	$286.36	$230.49
Massey Ferg	160	$328.53	$328 53	$262.96
Massey Ferg	205	$412 84	$412.84	$327.88
Massey Ferg.	721	$352 80	$352.80	$282.24
Massey Ferg	724	$408.66	$408.66	$326 93
Massey Ferg	727	$439 32	$439 32	—
Meyers	M125A	$488.95	$292 00	POR
Meyers	M145A	$566.40	$338.25	POR
Meyers	M160A	$575 61	$343 75	POR
Meyers	M190A	POR	POR	POR
Meyers	M225A	$715 64	$427 35	POR
Meyers	M300A	$715 64	$427 35	POR
Meyers	M350A	$807 94	$482 50	POR
Miller	M235	$370 16	$370 16	$296 12
Miller	M295	POR	POR	POR
Miller	M350	POR	POR	POR
Minne	110	$299 13	$299.13	$239.30
Moline	SL200	$275 53	$275.53	$220 42
Moline	SL300	$284 87	$284.87	$227.90
Minnesota	60,70,90	$270.98	$279 98	$216 78
Minnesota	100	$286 15	$286 15	$228.92
Minnesota	110	$301.01	$301 01	$240.81
Minnesota	122	$324 36	$324.36	$259 48
Minnesota	133,155	$358 59	$358 59	$286 87
Minnesota	135	$331 76	$331 76	$265.40
Minnesota	160	$346 72	$346 72	$277 30
Minnesota	220	$487 07	$487 07	$389 65
New Holland	200,202,220	$287 50	$287 50	$231 37
New Holland	213	$262.66	$262.66	$212.24
New Holland	221,222	$287.50	$287.50	$231.37
New Holland	300,336	$322.07	$322.07	$257.99
New Holland	470,475	$408.02	$408.02	$324.17
New Holland	510,511,512	$382.34	$338.46	$270.76
New Holland	513,514	$382.34	$338.46	$270.76
New Holland	516,517,518	$446.70	$394.92	$315.94
New Holland	519,520	$456.59	$403.59	—
New Holland	675,676,677	$576.48	$508.76	—
New Holland	679,680	$585.44	$516.62	—
New Holland	790	$885.50	$644.42	—
New Holland	791	$885.50	$644.42	—
New Holland	795	$487.90	$431.06	—
New Holland	800	$485.25	$428.73	—
New Idea	10A	$264.77	$264.77	$211.82
New Idea	12A,17,200	$269.87	$269.87	$215.89
New Idea	14,18	$215.50	$215.50	$182.40
New Idea	15,19	$300.70	$300.70	$240.56
New Idea	201,203,208	$317.27	$317.27	$254.29
New Idea	202	$303.25	$303.25	$242.60
New Idea	205,207,210	$399.55	$399.55	$317.64
New Idea	206	$263.18	$263.18	$210.54
New Idea	211	$295.63	$260.56	$210.63
New Idea	212	$343.36	$299.55	$240 65
New Idea	213,217	$409 75	$360 66	$287.70
New Idea	214	$465.23	$408.10	$324.23
New Idea	218,244	$551.63	$483.89	—
New Idea	224,245	$626.00	$549 13	—
New Idea	243	$457 69	$401.49	—
New Idea	351A	$298 94	$298.94	$240.18
New Idea	351B	$314.05	$314 05	$251.81
New Idea	352	$387 92	$387 92	—
New Idea	353	$538.17	$538 17	—
New Idea	354	$555.85	$565 85	—
New Idea	355	$436.51	$436.51	$346 11
New Idea	360	$268 38	$268.38	$216.65
New Idea	361	$316.75	$316 75	$253 89
New Idea	362	$387 92	$387 92	—
New Idea	363	$538 17	$538 17	—
New Idea	364	$555 85	$555.85	—
Oliver	7,17,170	$284 87	$284 87	$227 89
Oliver	100,270	$275 53	$275 53	$220 42
Oliver	470,471,480	$319 52	$319.52	$255 62
Oliver	490	$295 61	$295.61	$236.48
Oliver	570	$252 77	$252.77	$202.21
Oliver	590	$360 27	$360.27	$288 22
Patz	181	—	$483.77	—
Patz	350	—	$500 71	—
Stoltzfus	WLS	POR	POR	POR
Stoltzfus	Spin 2-ton	POR	POR	POR
Stoltzfus	Spin 5-ton	POR	POR	POR
Stoltzfus	Spin 8-ton	POR	POR	POR
Stoltzfus	W-Chain Sower	POR	POR	POR
Schultz	110	$308.55	$308 55	$246.84
Schultz	160	POR	POR	POR
Schultz	2120-40,2125-30	$329 12	$329 12	$263 29
Schultz	2130-30	$287 98	$287 98	$230 38
White	31T,623A	POR	POR	POR
White	624B	POR	POR	POR

FORAGE BOX CONVEYOR CHAINS

MAKE	MODEL	APRON PRICE STEEL DETACH	APRON PRICE PINTLE CHAIN	APRON PRICE T-BAR CHAIN	PRICE STEEL DETACH CROSS-CONVEYOR CHAIN	PRICE PINTLE CROSS CONVEYOR CHAIN
A-C		POR	POR	POR	POR	POR
Artsway	17142-0	POR	404.18	404.18	POR	POR
Badger	BN23 16'	POR	POR	POR	POR	POR
Badger	BN24 18'	POR	POR	POR	POR	POR
Badger	BN950 14'	236 29	344.40	344 40	120 39	196.12
Badger	BN950 16'	267 68	389 20	389 20	120 39	196.12
Badger	BN1416 14'	POR	POR	POR	POR	POR
Badger	BN1416 16'	POR	POR	POR	POR	POR
Balzer	5014	POR	361.68	361 68	POR	POR
Balzer	6514	POR	304.56	304 56	POR	POR
Balzer	6516	POR	418.84	376 40	POR	POR
Balzer	6518	POR	488.24	428 28	POR	POR
Balzer	6520	POR	551 90	484 12	POR	POR
Balzer	7018	POR	POR	POR	POR	POR
Danco	14'	POR	313 44	313 44	POR	POR
Danco	16'	293 16	359 24	359 24	POR	POR
Dion	Forage Box	POR	POR	POR	POR	POR
Dion	14'	POR	345 48	345 48	POR	POR
Dion	16'	POR	389 09	389.09	POR	POR
E Z	714	POR	POR	POR	125 85	217 50
E-Z	716	POR	POR	POR	125 85	POR
Fox	WB 16A	POR	POR	POR	127 47	POR
Fox	325	POR	POR	POR	POR	POR
Fox	625	POR	POR	POR	126 80	POR
Gehl	80,81,82	234 57	314 70	314 70	142 05	193 40
Gehl	83,84,86	234 57	314 70	314 70	142.05	193 40
Gehl	610,620,630, 640, 14'	271.81	367 79	367 79	POR	POR
Gehl	610,620,630, 640, 16'	313 46	422 62	422 62	POR	POR
Gehl	700,710,810, 910,920,940 960, 14'	241 12	323 88	323 88	POR	185 73
Gehl	910,920,940, 960, 16'	274 08	370.02	370 02	122 52	185 73
Gehl	BU960 18'	308 26	416 16	416.16	POR	POR
Gehl	970 14'	POR	POR	POR	POR	POR
Gehl	970 16'	POR	POR	POR	POR	POR
Gehl	970 18'	POR	POR	POR	POR	POR
H&S	500 14'	POR	344 27	344 27	132.52	198 20
H&S	500 16'	POR	387 55	387 55	132.52	198 20
H&S	500 18'	POR	430 82	430 82	POR	POR
Heston	7314	POR	332 80	332 80	POR	POR
Heston	7316	POR	376 92	376 92	POR	POR
Heston	7322 14'	POR	334 48	334 48	POR	POR
Heston	7322 16'	POR	378 60	378 60	POR	POR
Heston	7326 14'	POR	336 16	336 16	POR	POR
Heston	7326 16'	POR	381 96	381 96	POR	POR
Int Harv	51 14'	309 79	418 82	418 82	150 51	POR
Int Harv	51 16'	348 63	473 98	473 98	150 51	POR
Int Harv	105,110,14'	255 35	342 60	342 60	POR	POR
Int Harv	105,110, 16'	285 70	385 87	385 87	POR	POR
Int Harv	120,14'	259 39	349 82	349 82	POR	POR
Int Harv	120,16'	290.22	393 94	393.94	POR	POR
Int Harv	130 15'	273 63	370 20	370 20	POR	POR
Int Harv	130 18'	327 06	446 68	446 68	POR	POR
Int Harv	61	POR	371 84	371 84	POR	POR
John Deere	110	POR	488 00	POR	133 17	POR
John Deere	112	235.37	310 91	310.91	139.23	POR
John Deere	115	286 95	383 67	383 67	139 23	POR
John Deere	122	235 37	310.91	310 91	138 40	POR
John Deere	125	286 95	383 67	383 67	138.40	169 20
John Deere	214 14'	247 21	328 29	328 29	134 30	169 20
John Deere	216 16'	306 90	413 62	413 62	134 30	197 50
John Deere	714	269 05	362 06	362 06	139 20	197 50
John Deere	716	305 89	414 57	414 57	139 20	POR
Kasten	20 14'	239 40	349 82	349 82	POR	POR
Kasten	20 16'	296 23	402 56	402 56	POR	POR
Kasten	21 14'	246 33	332 80	332 80	POR	POR
Kasten	21 16'	278 34	376 92	376 92	POR	POR
Kasten	Power Box 14'	239 40	342 95	342 95	POR	POR
Kasten	Power Box 16'	272 71	394 06	394 06	POR	POR
Kasten	KL	POR	342 60	342 60	POR	POR
Knight	14-7	231 93	311 55	311 55	137 79	196 75
Knight	17-7	283 50	385 67	385 67	137 79	196.75
Knight	20-7	328 02	449 71	449 71	137.79	196 75
Knight	Barge Box 1500-7	283 50	385 67	385 67	POR	POR
Knight	Barge Box 1800-7	328 02	422 63	422 63	POR	POR
Lamco	Rex 14'	259 39	352 71	352 71	101 70	POR
Lamco	Rex 16'	290.22	397 17	397 17	101 70	POR
Meyers	416	POR	POR	POR	132.96	POR
Meyers	418	POR	POR	POR	132 96	POR
Meyers	516	POR	POR	POR	138 40	POR
Meyers	518	POR	POR	POR	138 40	POR
Meyers	600 16'	POR	POR	POR	148 32	POR
Meyers	600 18'	POR	POR	POR	148 32	POR
Meyers	600 20'	POR	POR	POR	POR	POR
Miller	Pro 2150	POR	POR	POR	POR	POR
Miller	Pro 2175	POR	POR	POR	POR	POR
Miller	Pro 2200	POR	POR	POR	POR	POR
New Holland	3	327 22	473 94	446 04	108 54	POR
New Holland	6	374 85	544 90	514 08	108 54	POR
New Holland	8	287 87	387 35	387 35	127 71	POR
Papec	140	240 65	350 05	350 05	POR	POR
Papec	160	289 05	390 65	390 65	POR	POR

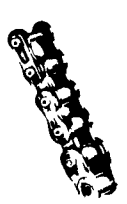
STEEL DETACHABLE ATTACHMENT LINKS

55A1	36
55C1	43
55HB4	70
55SH	53
62A1	54
62C1	57
62HB4	1 04
62SH	60
67AS	88
67H-AS	96
67XH AS	1 08
67H SH	2 10

ROLLER CHAIN

Chain No.	Chain Pitch	Cottered	Riveted
35	3/8"	—	63
40	1/2"	—	86
50	5/8"	—	1.19
60	3/4"	1.86	1 42
80	1"	3.13	2 89
100	1¼"	5.09	5 71
120	1½"	6 54	8.19

Other sizes available 25 to 200 from single strand to six strand

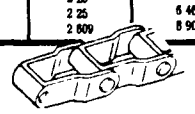


T-BAR CHAIN

T67 Plain Link	79 link
T-67 Attachment Link	1 56 link

PINTLE CHAIN

CHAIN NO	PITCH	PRICE PER FT
662	1 664	3 44
667H	2 313	3 34
667J	2 25	4 84
667X	2 25	4 84
667K	2 25	6 46
88K	2 609	8 90



NEW HOLLAND BALER UPPER CHAIN

MODEL	N.H. PART NO.	PRICE
845	704545	375 60
846 & 847	634335	398 68
849	673260	509 94
850	679303	467 77
851 & 852	679768	570 60
855	786717	936 00

POR - Price On Request

FEED WAGONS, MIXER WAGONS, SILAGE MIXERS

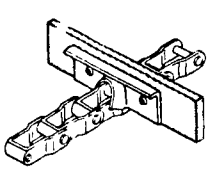
MAKE	MODEL	MAIN APRON CHAIN PRICE	UNLOADING OR ELEVATOR CHAIN PRICE
ARTS WAY	156	486 75	—
ARTS WAY	700	POR	—
ARTS WAY	750	POR	—
ARTS WAY	800	1449 50	—
ARTS WAY	850	1659 50	—
INT HARV	200	1449 50	—
INT HARV	300	1449 50	—
KNIGHT	BA12	—	—
KNIGHT	BA14	—	—
KNIGHT	BA16	—	—
KNIGHT	LA9C	—	—
SCHULER	125BU	POR	POR
SCHULER	175BU	POR	POR
SCHULER	260BU	POR	POR
SCHULER	400BU	POR	POR
SCHWARTZ	680	—	189 75
SCHWARTZ	760	—	POR
SCHWARTZ	780	—	POR
SCHWARTZ	860	—	268 50
SCHWARTZ	880	—	268 50
SCHWARTZ	960	—	268 50

STEEL DETACHABLE CHAIN

CHAIN NO.	PRICE FT
26	97
32	1 00
42	1 16
45	1 09
52	1 38
55	1 16
62	1 63
62H	1 99
67H	2 20
67XH	2 81

AGRICULTURAL ROLLER CHAIN

CHAIN NO.	PRICE/FT
A2040	96
C2040	1 12
A2050	1 18
C2050	138
A2060	1 84
C2060H	2 83
A550	3 78
CA550	3 78
CA555	3 78
A620	4 46
CA620	4 46



667H SINGLE CONVEYOR CHAIN WITH RUBBER PADDLE

$5.98/Ft. Delivered

(For BUTLER, JAMESWAY, CLAY, etc)

CORN HEAD GATHERING CHAINS

MAKE	PART NO.	MODEL NO'S	PRICE
ALLIS CHALMERS	538109	2A,3E,2N,3A,3H, 4C,A420,E420, C820,C820,H330, E330,C430,C830, C435,H340,E340, C440	23 12
	561228	F1430-G1440	26 40
	573640	1973-76 Low Profile	32 28
	574793	All models 1977 79 Heads	35 84
JOHN DEERE	AN102000	343,344,343, 344,443,444, 543,546,542, 643,644,645, 842,843	31 00
	AN102000	343,344,343, 344,443,444, 543,546,842, 643,644,645, 842,843	31 00
INT HARV	176-279 C91	All 800 Series Heads 823,824, 833,834,843, 844, 863,864,883,884, 873,874,883	31 00
MASSEY FERG	341-080-M1	22,321,322,33, 421 422,43,63, 621	29 84
OLIVER & MINN MOLINE	511142E	522,525,531,535 541,544,545,555, 561,H942,H944 H963,H954	44 64
AVCO-NEW IDEA	713167R	723 724,725,726	44 20
	7131681	723 724,725,726	44 20
WHITE FARM EQ	31 1689933	702 703 704 705 706	29 86

NEW HOLLAND BALER FLOOR CHAINS

HH NO	CHAINATT	PRICE
288/86	CA550/C5E	57 86
714619	CA550/C5E	53 96
710395	CA550/C5ER	80 43
718096	CA550/C5EB	66 85

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Study Shows Mid-Size Farm Numbers Will Continue Decline

BY ROBERT E. LEIBY
and DAVID L. DUNBAR
Lehigh County Extension Service

ALLENTOWN — American agriculture is undergoing significant change and stress. Much of the recent change has been attributed to the financial farm crisis caused mainly by declining agricultural exports. However, underlying these financial difficulties are strong technological and structural forces which will cause further changes and adjustments in American agriculture for the remainder of this century.

Congress, concerned about the nature of these adjustments, requested the Office of Technology Assessment to analyze the underlying technological, structural, and political forces which impact American agriculture and to determine the industry's probable future direction.

Some of the findings of the OTA study are summarized below.

Small and part-time farms no longer can depend on the farm to provide an adequate income. Large-scale farms dominate agriculture. Moderate-size farms have a small share of the market and a stagnant share of the net farm income. As the moderate-size farm disappears, it leaves small and part-time farms clustered at one end of the farming spectrum and large farms clustered at the other, in terms of their importance to agriculture.

If present trends continue to the end of this century, the total number of farms will continue to decline from 2.2 million in 1982 to 1.2 million in 2000 (Table 1). The number of small and part-time farms will continue to decline, but will still make up about 80 percent of total farms.

The large and very large farms will increase substantially in number. Approximately 50,000 of these largest farms will account for 75 percent of the agricultural production by the year 2000. The trend toward concentration of agricultural resources into fewer but larger farms will continue, although the degree of concentration will vary by region and commodity.

Moderate-size farms will decline in number and in proportion of total farms, and will have a small share of the market and a declining share of net farm income. These farms comprise most of the farms that depend on agriculture for the majority of their income.

Traditionally highly productive, efficient, moderate-size, full-time farms have been the backbone of American agriculture. It is still true that a moderate-size, technologically up-to-date, and well-managed farm with good yields is highly resilient.

One key to the success of these farms clearly lies in the management factor. But more often than not, management has to be willing to accept a relatively low return on invested capital, time and effort. With ever-increasing educational requirements associated with farming, there will likely be less willingness by successful managers of moderate-size farms to accept a lower return for their services and for invested capital. Another key to the survival of moderate-size farms lies in access to state-of-the-art technologies at competitive prices.

Table 1 — Most Likely Projection of Total Number of U.S. Farms in the Year 2000, by Sales Class

Sales class	Value of farm products sold annually	1982 Number of farms (thousands)	1982 Percent of all farms	2000 Number of farms (thousands)	2000 Percent of all farms
Small and part-time	$100,000	1,936.9	86.0	1,000.2	80.0
Moderate	$100,000-$250,000	180.7	10.0	75.0	6.0
Large and very large	$250,000	121.7	4.0	175.0	14.0
Total		2,239.3	100.0	1,250.2	100.0

SOURCE: Office of Technology Assessment

Look At Cost Per Kernel When Buying Seed

MOUNT JOY — It can be difficult to decide which hybrid is a better buy when seed comes in varying bag sizes and kernel counts. But once the choice is narrowed down, based on factors such as needed traits, multiple year yield data and harvest moisture, the comparison isn't really that hard.

Finding a fair basis for comparison is the key, according to Bill Fleet, area agronomist for Pioneer Hi-Bred International, Inc.

"Determining seed cost per thousand kernels makes the comparison between hybrid seed costs more equitable. Look at the number of kernels in a bag rather than buying by the bushel or 50, 60, or 55-pound bag. Figure the number of kernels needed per acre, the cost per thousand kernels and calculate seed cost on that basis."

Once the best hybrid value has been determined, Fleet recommends comparison shopping between the seed sizes. He notes that within the same hybrid, smaller sized seed intended for plateless planters is usually less expensive than larger flats or rounds. However, smaller kernels have exactly the same potential as larger ones.

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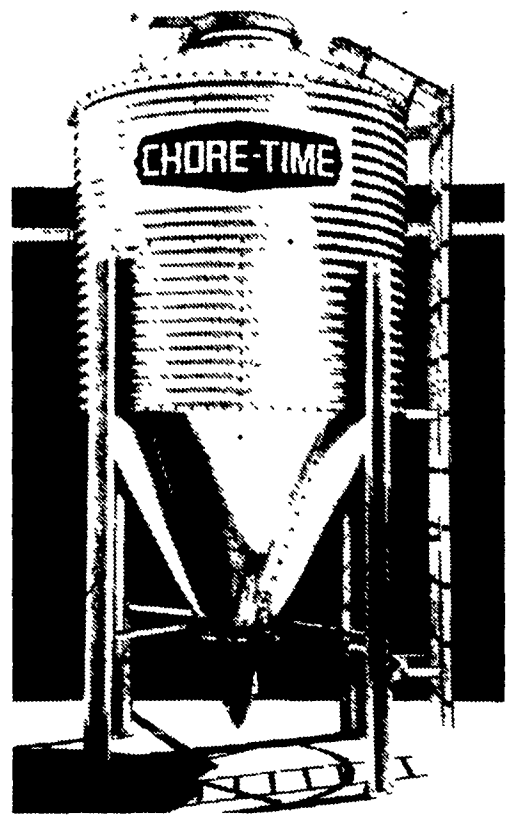

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Conservation Reserve Signup Begins Feb. 9

WASHINGTON — Farmers who want to bid to enter their highly erodible cropland into USDA's 10-year Conservation Reserve Program may do so during the program's fourth signup period from Feb. 9 through 27, Secretary of Agriculture Richard E. Lyng announced today.

Lyng also announced a one-time, one-year "bonus" for the 1987 crop, to be paid in the form of an increased annual rental payment. The bonus payment will be equal to $2 times the farm program payment yield for corn, times the number of acres of corn base designated for enrollment in the CRP. This "bonus" will be payable in the form of generic commodity certificates when a 1987 Conservation Reserve Program contract is accepted. In subsequent years, the annual rental payment will be only that amount specified in the CRP contract.

"Since a paid land diversion is in effect under the 1987 Feed Grain Program to restrain further buildup of corn stocks, this rental payment is being offered to encourage highly erodible, excess corn acreage into long-term conservation use," Lyng said.

"This offer is limited to new CRP contracts effective beginning with the 1987 crop year. It is not retroactive for corn base acreage under CRP contracts already signed," Lyng said. "This additional rental payment will be made at the time new 1987 CRP contracts are accepted. It will be charged against the CRP maximum payment limitation and not against other program payments."

"Producers who have already enrolled in other 1987 production adjustment programs and received advance payments in cash and generic certificates may cancel their contracts and enter into the CRP," he said. "There will be no penalty, but payments already received must be refunded in cash."

During the signup period, producers will be given the option to enter into a CRP contract beginning with either the 1987 or 1988 crop year.

The CRP is one of the new conservation initiatives contained in the Food Security Act of 1985 designed to reduce soil erosion. Under the CRP, owners and operators of highly erodible cropland agree to cease production on the highly erodible land for a 10-year period and to devote this land to conservation uses.

Under provisions of a recent amendment to the legislation authorizing the CRP, alfalfa and other multiyear grasses and legumes in rotation during the years 1981-1985, as approved by the Secretary, will be considered to be "agricultural commodities" for the purpose of determining eligibility of land to be placed in the CRP.

Not more than 25 percent of the total cropland in a county may be placed in the CRP. The Secretary of Agriculture is authorized to waive this limit if there will be no adverse effect on the local economy.

USDA will establish maximum acceptable rental rates after signup ends and bid data is evaluated.

During the first three signup periods, 8,916,185 acres of highly erodible cropland were accepted into the CRP.

Small Grains May Be Approved As Cover Crop Under Sodbuster

HARRISBURG — For the 1987 crop year, the Agricultural Stabilization and Conservation Service may, under certain conditions, accept small grains as a cover crop for highly erodible land.

Some producers have planted small grains as cover crops on predominantly highly erodible fields that were not planted to an agricultural commodity in any year from 1981 through 1985. Small grains planted on such fields will not cause a producer to be ineligible for program benefits if the crop is destroyed by clipping before reaching the disposal deadline and the residue is left on the land, or if the crop remains standing and the producer files a request before planting the crop — or before the crop reporting date if the crop has been planted — to leave the crop standing. Also, the producer must pay a fee to cover the cost of a farm visit to verify that the crop was not harvested or grazed.

Under USDA's sodbuster and swampbuster regulations, farmers who plant agricultural commodities on highly erodible land without following a locally approved conservation plan, or produce crops on converted wetlands, are ineligible for the covered programs for any crop they produce on any land they own, operate or have an interest in as a producer. A cover crop (small grain) will be allowed on sodbusted land if producers take the proper actions. Approval applies for the 1987 crop year only.

Berks Co. To Hold Equipment Operators Workshop

LEESPORT — The 32nd Annual Equipment Operator's Workshop has been scheduled for Tuesday, Feb. 10, 1987 in the auditorium of the Berks County Agricultural Center in Bern Township. The USDA Soil Conservation Service and the Berks County Conservation District jointly sponsor this event.

Presenters this year include: American Telephone and Telegraph, UGI, Texas Eastern, Pennsylvania Land Improvement Contractors (PLICA), Morrissey Insurance, OSHA, Pennsylvania Fish Commission, Pa. One Call System, and USDA Soil Conservation Service. The lunch will be sponsored this year by PLICA and Morrissey Insurance of Ephrata, Pa.

Topics included in the program will be: safety, computers, insurance, underground cables, stream and streambank work, conservation practice installations new rules and regulations, and other timely concerns.

A letter of invitation has been mailed to all contractors on the mailing list. Any contractor is welcome to attend and could make a reservation by calling the Conservation District at 372-4655.

Groundwater Info Available

UNIVERSITY PARK — Four and a half million Pennsylvanians get their drinking water from groundwater supplies — supplies that are at risk if not protected.

How well we are able to protect the quality of that water depends on how well we understand where groundwater comes from and where it goes. The Penn State Cooperative Extension Service and the United States Geological Survey have developed a brochure describing groundwater in Pennsylvania.

"A Quick Look at Pennsylvania Groundwater" is designed to acquaint readers with the nature of groundwater and its importance to the state. "With so many occurrences of groundwater contamination," says Joe Makuch, water quality specialist at Penn State, "this publication will help residents understand our water resource."

Copies of "A Quick Look at Pennsylvania Groundwater" are available free from your county cooperative extension service or the Ag Communications Distribution Center, Room 112 Agricultural Administration Building, University Park, PA 16802.

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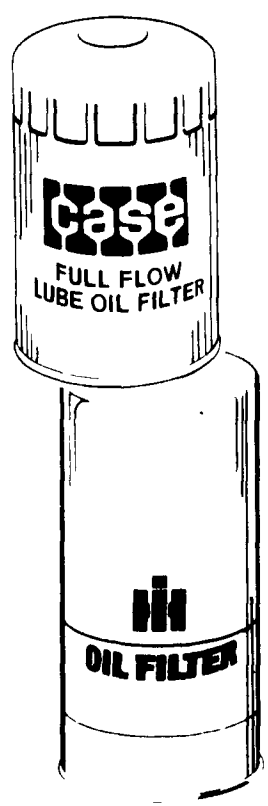

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Does Extra Nitrogen Pay?

Researchers Find "When" And "Where" May Be More Important Than "How Much"

RACINE, Wisc. — Without nitrogen, life would not exist.

In the atmosphere, the odorless gas neutralizes oxygen's flammability. In fact, nitrogen accounts for 78 percent of each breath you take. It also is an essential building block of protein. Every cell in your body contains nitrogen.

In agriculture, researchers long ago recognized nitrogen's importance. They also learned that extra nitrogen boosts corn yields in particular.

Today, corn farmers aren't the only producers relying on more nitrogen. Grain, cotton and rice growers all find they can increase yields with more N.

However, much of this nitrogen never hits its target. In corn, more than half of applied N is generally lost through leaching, erosion, denitrification or volatilization.

At least part of this loss, researchers suspect, can be avoided. Farmers can do more to maximize nitrogen efficiency. And in many instances, they can get by with smaller doses.

Midwestern researchers often agree with that assessment. Says Dr. Jim Schepers, a USDA soil scientist in Lincoln, Neb., "Farmers are too optimistic about production, and that leads to over-fertilization. Even with irrigation, they over-estimate production by 20 to 25 percent."

It pays to use only enough of any nutrient to guarantee an economic return, say Schepers and other scientists. There's no such thing, they add, as a universal nitrogen recommendation for a particular crop.

Nitrogen needs

To determine the best rate, you need to consider the environment.

Where a crop grows makes a difference in its nitrogen requirements. A specific field may hold a larger nitrogen stockpile than you suspect. The amount of available N also is influenced by the soil type, recent weather, the field's cropping history and even your regional location.

For example, researchers are finding that crop rotation with soybeans has a different effect on the N requirements of midwestern and southern corn.

In the South's sandy Coastal Plains soil, beans fix enough atmospheric N to leave 15 to 50 pounds per acre for other crops. By contrast, Midwest soybeans often consume more soil nitrogen than they fix.

"Compared to more northerly states, we have far less N in our soils, and that forces beans to fix their own supply," explains Dr. Patrick Hunt, a USDA soil scientist based in Florence, S.C. "In the Midwest, where there's generally more N in the root zone, plants rely on the soil for up to 70 percent of the requirement. They still fix some nitrogen, but not enough to make up for what's hauled off with seed.

"Southern farmers can't count on all that N staying with them because some of it leaches. But enough remains — especially after a healthy bean crop — to make a contribution."

If a southern farmer follows soybeans with a winter grain crop, the fixed nitrogen might take the place of a fall N application, says Florida researchers. "Corn planted the next spring, however, still may need a planting-time nitrogen application," reports Dr. David Wright, a Florida Extension agronomist.

Maximizing the efficient use of nitrogen means paying close attention to the timing of application, placement of N and crop rotation.

Timing is a key

When you apply nitrogen can be as critical as how much you apply. Crops require larger nitrogen portions during certain key periods. By splitting applications, leaching or volatilization also is reduced.

In shooting for high wheat yields, farmers and crop scientists find best results when they apply spring nitrogen in two or more trips.

Ed Oplinger, University of Wisconsin agronomist, schedules three applications in his plan for 100-bushel wheat yields. At planting, he puts down 25 to 33 percent of his total nitrogen. Then at the tillering and grain-filling stages, he top-dresses another 25 to 50 pounds.

Again, regional differences can influence timing. In Florida, shorter growing seasons crowd wheat's nitrogen requirements into a briefer period. As Florida wheat yields move into the 90-bushel range, Wright needs only two applications — 25 pounds at planting with 75 to 100 pounds to follow in late January or early February.

On the other hand, corn has a longer growing cycle and requires three N treatments. Wright

(Turn to Page D12)

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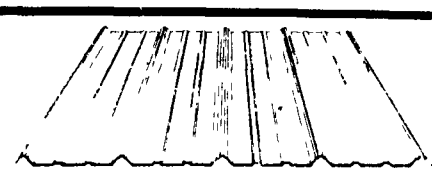

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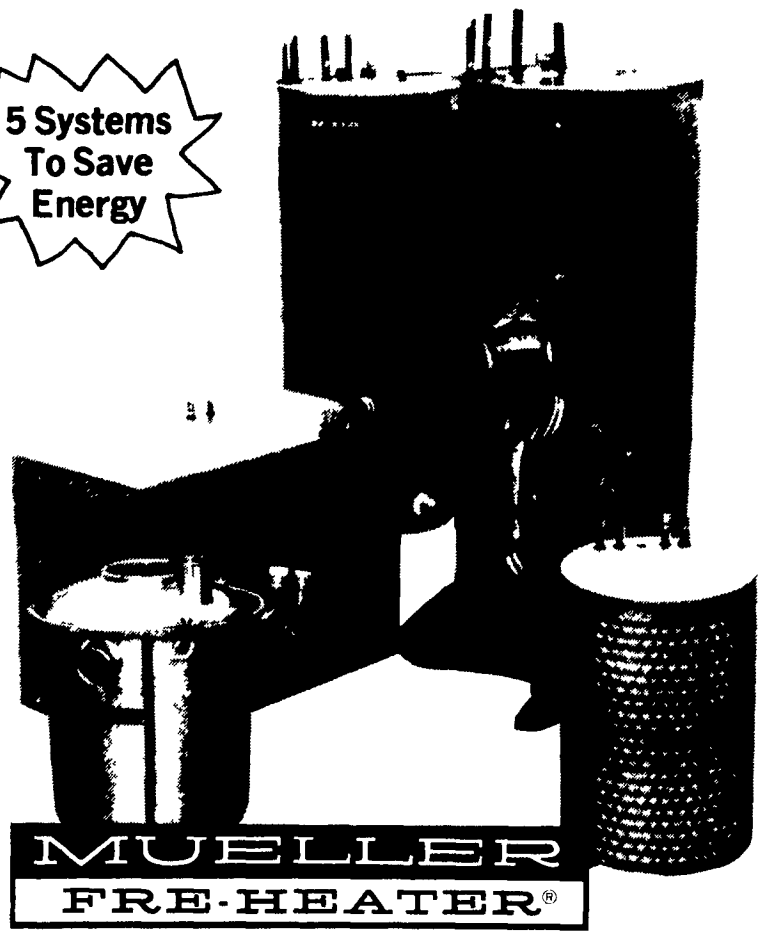

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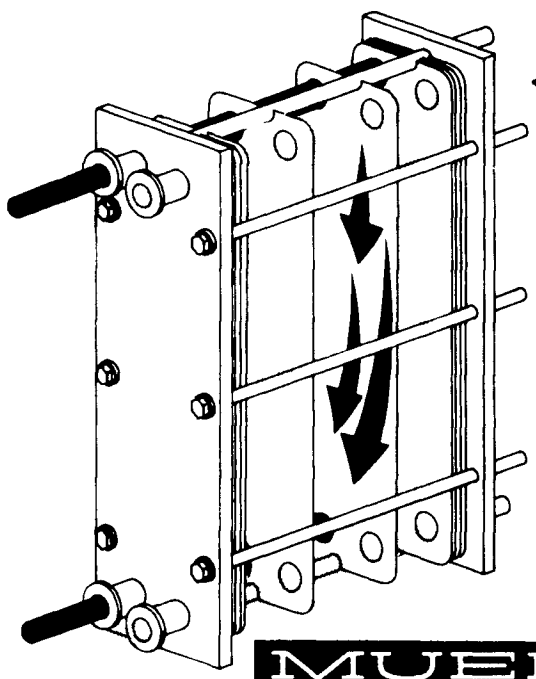

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Does Extra Nitrogen Pay?

(Continued from Page D10)

budgets 30 to 40 pounds at planting, then sidedresses 80 pounds when corn is 12 to 15 inches tall. Three weeks before tasseling, he channels another 80 pounds through the center pivot for 250-bushel yields.

"You can rely too much on fertigation," adds Wright. "Some farmers feed the crop by putting 10 to 20 pounds of nitrogen through their pivots every week. But that gives them too much nitrogen during some weeks and not enough during others."

With close timing, 180 pounds of nitrogen often produces nearly the same yields as a 220-pound investment, Wright says.

New technology also allows you to more precisely measure the crop's needs. Soil analysis gives an indication of available N. During the season, tissue analysis also helps indicate the amount of nitrogen being taken up by the plant and whether it requires supplemental feedings.

Setting goals

Your yield target dictates the amount of nitrogen a crop will receive. So if you set a high goal, be prepared to do more than just buy extra nitrogen.

"By itself, added nitrogen won't produce 100-bushel wheat," specifies Wisconsin's Oplinger. "You must increase other nutrients, as well as balance your seeding rates and row spacings. You also must minimize compaction and disease pressure. Otherwise, you see little or no benefit from stronger fertility. The crop must grow in well-drained soil."

Even in soybeans, extra nitrogen often boosts yields, provided the variety holds up to lodging. Maximum yield tests in Tennessee, Ohio and New Jersey have nudged beans near or past the 100-bushel line, and supplemental N helped the legume push past that triple-digit yield barrier.

As the soybean plant moves through early growth stages, nodules apparently fix sufficient nitrogen for that phase. To aid nodules, the plant provides them with sufficient energy sources. But somewhere in the bloom or early pod-set period, the plant redirects nutrients to reproduction. At that point, nodules shut down. That drop in nitrogen-fixing capacity, in turn, restricts yield potential.

"Adding nitrogen seems to counter the shutdown," discloses Dr. Larry Parks, a University of Tennessee soil scientist. "The plant utilizes the extra nitrogen and isn't as dependent on nodules."

Parks is working with various levels of nitrogen in soybeans to determine the minimum amount needed for a yield response. In actual field conditions, Parks says, added nitrogen probably isn't necessary if beans have an average yield potential of less than 50 bushels.

"Even then, extra nitrogen might not pay for itself," notes Parks. "With today's commodity prices, you really must weigh the cost of extra nitrogen — or any other input — against the potential gain. That's true in soybeans or whatever crop you plan to grow."

Reprinted from Case IH *Farm Forum* magazine

Beachley-Hardy Introduces Corn Hybrids

CAMP HILL — Five new corn varieties with excellent stalk strength and disease resistance have been added to Beachley-Hardy's hybrid corn line-up, according to Frank Welch, marketing director.

"We're proud of the performance of our hybrids on farms throughout the Northeast," Welch said, "and we are continually researching and developing new varieties that are well suited to the needs of our customers. With reduced acreage and slimmer profit margins, we feel that it's our job to make every kernel count."

The new varieties include: **Hardy 797XS** - a 120-day hybrid with excellent yield, standability, and drydown; **Hardy 680XS** - 114 days with long ears, and excellent plant health; **Hardy 390XS** - 100 days with outstanding yield potential and superior stalk strength and fast drydown; **Hardy 291XS** - 95 days, best choice for an early grain producer, with large ears on a strong stalk; and **Hardy 282X** - 94 days, a good performer at lower populations than the super crosses.

Additional information, and availability on these varieties, can be obtained from Frank Welch, Beachley-Hardy Seed Company, P.O. Box 336, Camp Hill, PA 17011, or phone 717-737-4529.

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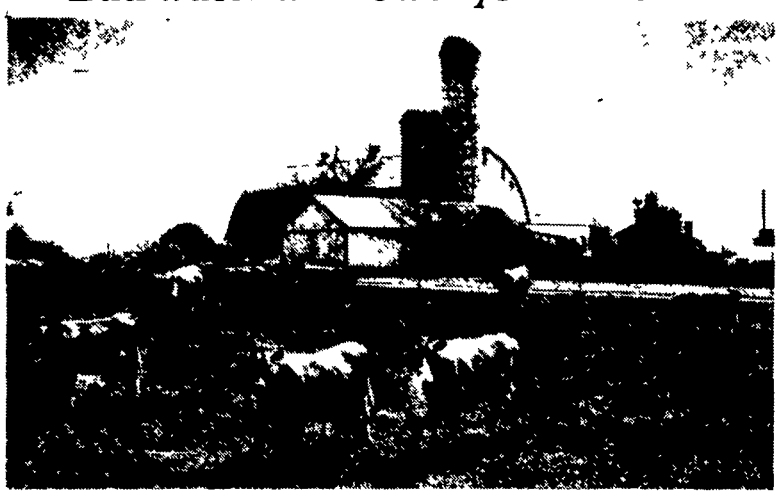

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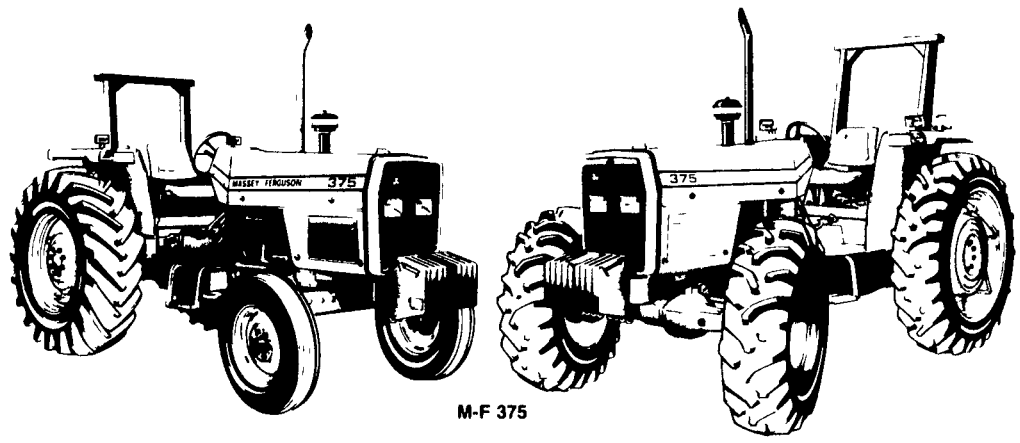

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Foraging Around

By Dr. John E. Baylor
Director of Market Development
Beachley-Hardy Seed Company

Pasture Improvement: How Far Should We Go?

Pasture improvement is getting lots of attention these days. For example, last December Vermont agronomist Bill Murphy, a strong proponent of intensive grazing management in that state, was the keynote speaker at the annual forage conferences of the Maryland-Delaware Forage Council. Pasture Economics and Pasture Efficiency were two of the main topics at the January meeting of the New York Forage and Grassland Council. And ***Intensive Grazing*** was the theme of a recent one-day workshop at Harrisburg sponsored by Extension and the Soil Conservation Service.

And, of course, the Pennsylvania Forage and Grassland Council has highlighted various aspects of pasture improvement at each of its last three major conferences.

Is all of this attention justified? First of all, remember that since biblical times pasture has been the foundation of grassland farming. And even today, in terms of worldwide feeding systems for cattle, well over 80 percent of the cattle are grazed for their entire life. And all of the evidence suggests we're seeing a swing back towards better pasture systems in the Northeast.

Economics of Pasture are Favorable

We've always maintained that properly managed pastures can be one of our least expensive sources of feed. At the New York meeting SCS ag economist Phil Teague presented some new data to support this claim. Teague interviewed a number of New York dairymen who during the past two years had adopted some form of more intensive rotational grazing on their farms. These were not small dairymen. Most herds ranged from 40 to 100 lactating cows averaging 15,000 to 17,000 pounds of milk; several breeds were represented.

In brief, here's what Teague reported. Use of improved grazing systems resulted in more nutritive value from the pasture, both in terms of dry matter intake and levels of protein and net energy. This resulted in reduced purchases of feed grains and hay, and in one case the expansion of the herd. Net benefits varied considerably, of course, but several farmers reported net benefits per acre and per cow well over $100 and in several cases nearly $200. And while it couldn't be measured, dairymen generally reported improved herd health when cows were on pasture.

Increased fencing was, of course, one of the major new expenses. "But," says Teague, "the data showed that in all cases the fencing and other costs associated with converting to a rotational grazing system were more than recovered during the first year."

Fencing No Longer the Problem

In years past fencing, both cost and maintenance, was one of the major limitations in switching to intensive pasture systems. However, new concepts in fencing based on New Zealand findings using relatively low cost electric fencing materials are making intensive pasture management systems both feasible and practical. These newer fences are designed to output high voltage at low current and have been shown to be both safe and effective for both cross-fencing and perimeter fencing.

Much of the recent emphasis on pasture improvement has dealt with the more intensive use of already established pastures. But there's also lots of opportunities for upgrading your pasture system through the establishment of more productive and palatable tall growing grasses and legumes. Next month I'll take another critical look with you at the potential of reeds canarygrass and tall fescue. In later columns I'll bring you up to date on warm-season grasses and where they may fit in your progam.

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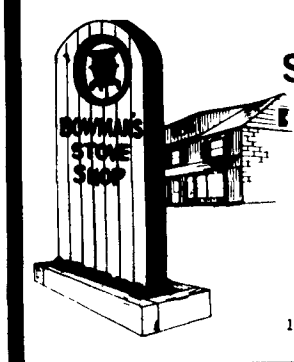

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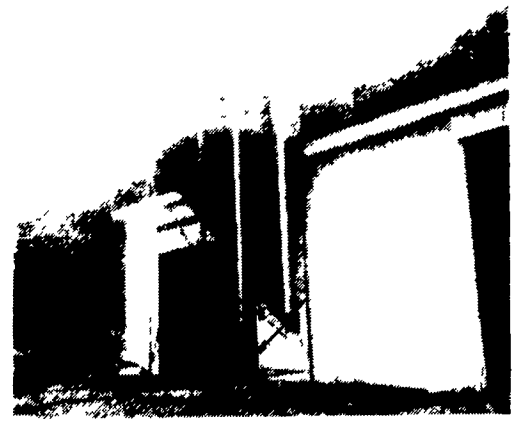

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Lancaster County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

December, 1986

A Holstein owned by Weaver Homestead Farm, New Holland, completed the highest 305 day lactation No 18 produced 28,442 pounds of milk, 1,400 pounds of fat with a 4.9 percent test. Second high lactation was completed by a registered Holstein owned by John and Barb Brubaker, Christiana Betz produced 28,947 pounds of milk, 1,214 pounds of fat with a 4 2 percent test in 305 days

The following cows produced 800 or more pounds of fat in 305 days

Owner- Cow's Name	Brd.	Age	Days	Milk	Test	Fat
Weaver Homestead Farm						
18	3	3-11	305	28,442	4 9	1400
79	3	4-6	305	24,127	4 7	1134
11	3	3-7	305	27,537	4 0	1093
62	3	5-1	304	27,078	3 5	952
23	3	3-5	294	25,635	3 7	938
24	3	2-3	305	22,951	3 9	894
John & Barb Brubaker						
Betz 40	3	6-5	305	28,947	4 2	1214
Rocky 41	3	4-10	305	24,498	4 2	1041
Micky 73	3	4-2	305	25,094	3 3	832
Betsy 53	3	2-0	305	17,651	4 6	806
Paul D Welk						
Connie	3	4-7	305	25,693	4 2	1068
Sherry	3	6-8	305	19,772	4 4	870
Marvex	3	4-1	305	19,301	4 3	831
Gloria	3	4-10	305	20,900	3 9	807
Rhelda & Lynn Royer						
Jaime	3	7-6	305	27,663	3 8	1058
Frcrakr	3	3 5	305	29,679	3 5	1041
H Bunch	3	4-10	305	25,070	3 9	988
Graywood Farms						
26	3	8-3	305	25,070	4 1	1034
367	3	4-3	282	19,111	4 4	834
46	3	4-3	293	22,050	3 7	815
Donald M Eckman						
Cameo	3	5-1	305	24,749	4 1	1017
Loren L Zimmerman						
Penny	3	5-3	305	22,575	4 4	997
Moses N Good						
6	3	7-0	305	24,216	4 1	990
70	3	4-6	305	25,710	3 4	874
C Nevin Hershey						
Carol	3	10-1	305	22,149	4 5	988
Della	3	3 3	305	21,772	3 8	819
Christian Stoltzfus						
Jamie	3	5-4	305	25,388	3 9	985
Aaron E Allgyer						
Cindy	3	4-3	305	24,430	4 0	983
Delmar H Wenger						
Carla	3	8-3	305	32,863	3 0	980
Ellis D Kreider						
Lily	3	9-6	305	25,529	3 8	969
192	3	4-9	305	23,172	3 7	848
Meadow Springs Farm						
Tess	3	10-8	305	25,172	3 8	969
Shelby	3	4-1	305	25,495	3 8	845
Shelba	3	15-5	303	22 424	3 7	828
J Mowery Frey Jr						
Bess	3	4-5	305	24,550	3 9	965
Bonnie	3	7-0	305	25,977	3 7	955
Kreider's & Nickle						
141	3	3-0	305	21,472	4 5	965
68	3	4-2	305	23,198	4 1	955
145	3	3-1	305	19,236	4 4	853
72	3	4-4	305	22,152	3 8	840
Paul V Nissley						
Twila	3	4-3	305	23,788	4 0	962
Rosa	3	6-10	305	25,771	3 6	938
Curtis E Akers						
Aggie	3	4-2	305	22,886	4 2	960
Prilly	3	3-3	305	23,441	3 6	850
Shelmar Acres						
Gloria 54	3	7-1	305	24,841	3 9	958
Joanne	3	5-7	305	18,676	4 7	887
Mytle	3	6-3	305	26,649	3 3	876
Amber	3	3-3	305	21,654	3 8	823
Monica 2	3	6-3	305	20,947	3 9	811
Charit	3	3-4	305	21,150	3 8	800
John U Glick						
Dorothy	3	5-2	305	21,046	4 5	957
John Omar Stoltzfus						
Sandy	3	9-0	305	24,157	4 0	956

(Turn to Page D16)

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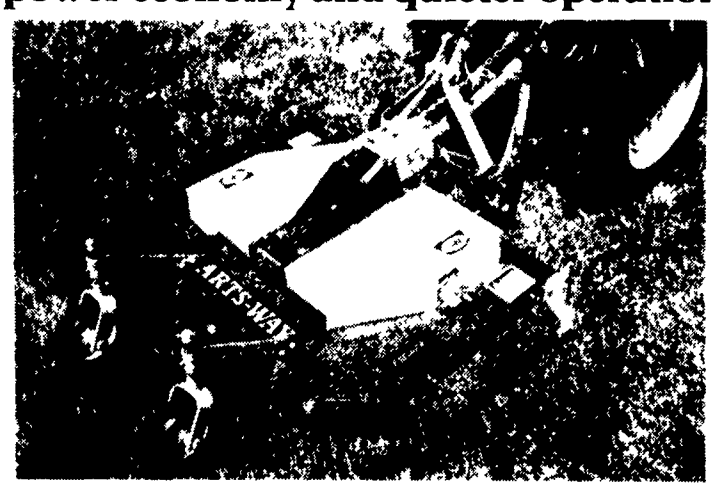

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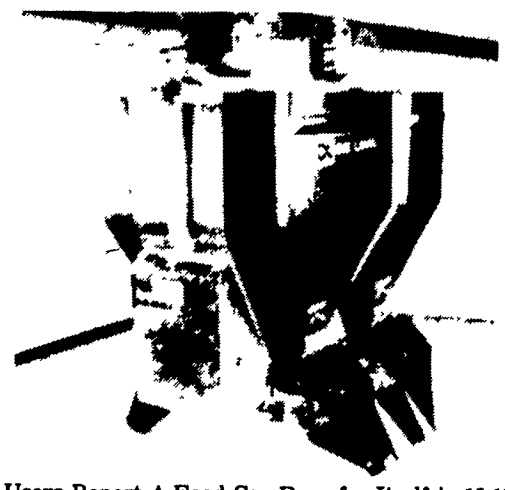

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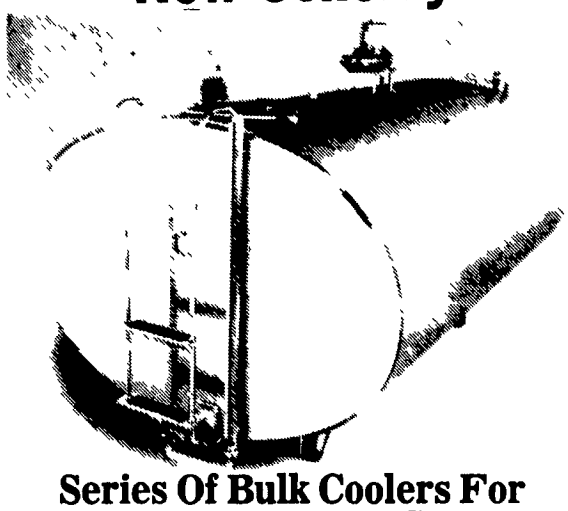

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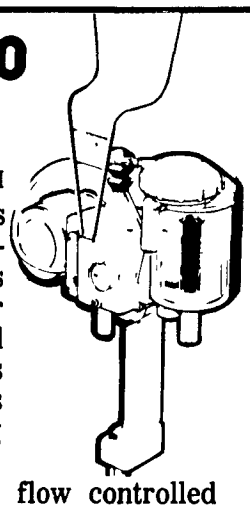

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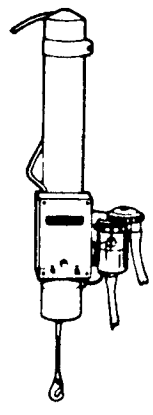

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(Continued from Page D14)

Dee	3	3-4	305	20,981	3 9	823
Nellie	3	3-11	305	24,790	3 3	817
Randy J Stoltzfus						
116	3	5-11	305	24,168	3 9	945
Robert H Kauffman						
Bobbi 96	3	2 11	305	21,144	4 5	945
Flossi	3	5 1	305	27,529	2 9	802
Kolb Acres						
Blazr 51	3	6-0	305	21,305	4 4	942
Fay 71	3	3-3	305	24,856	3 4	851
Meadow Vista Farm						
Fan	3	4 3	305	26,913	3 5	941
Bambi	3	5-1	305	23,578	3 9	921
Maria	3	6 3	290	23,658	3 5	830
Vernon R Umble & Son						
Lucinda	3	5-2	305	24,762	3 8	935
Marie	3	5 1	305	22,123	3 8	843
Allen Lee Stoltzfus						
Fay	3	9-7	305	22,986	4 1	934
Fern	3	3-0	305	25,340	3 6	920
Vernon K Beiler						
59	3	7-8	305	24,705	3 8	932
Conestoga Farms						
Hazel	3	7 5	305	25,404	3 7	931
Linda	3	6-1	305	25,444	3 4	865
Mary	3	3 4	305	22,428	3 7	838
Nora	3	5-1	297	22,098	3 8	836
Plum 2	3	6-4	305	20,511	4 0	813
Earl R Martin						
3025	3	4 7	305	25,658	3 6	928
Jay Richard Groff						
39	3	5-10	305	22,763	4 1	928
JS Smucker & Sons Farm #2						
335	3	7-10	305	22,702	4 1	927
Emanuel S Smucker						
Pat	3	3 10	305	25,985	3 6	926
Glenn R Bushong						
Misty	3	4-9	305	25,364	3 7	926
Fancy	3	8 4	272	22,984	3 5	802
Norman B Butt & Son						
7	3	4 3	305	22,550	4 1	924
Noah Kreider & Sons						
244	3	4 11	305	21,069	4 4	923
255	3	5-6	293	23,236	3 7	855
466	3	5 8	295	18,888	4 4	829
287	3	3-4	305	17,729	4 6	811
LeRoy R Martin						
63	3	4 7	305	22,559	4 1	920
78	3	3 11	305	19,078	4 3	819
Romella Farms						
Staci	2	3 4	305	17,194	5 4	920
Lulu	2	4-0	305	16,352	4 9	808
Paul S Horning						
Chip	3	4-10	305	26,430	3 5	913
Rhonda	3	6 0	305	23,866	3 7	873
Aaron R Zeiset						
15	3	4-3	305	25,943	3 5	913
George M Hurst						
281	3	9 0	294	20,317	4 5	906
Paul H Martin						
Felicia	3	3-11	305	23,890	3 8	905
Belinda	3	3-2	305	24,292	3 5	860
Wilmer R Martin						
Bridget	3	4-11	305	23,820	3 8	905
Sophie	3	4-4	305	20,939	4 0	838
Artis	3	3 2	305	22,086	3 7	807
Middle Creek Farm						
Liz	3	9-7	305	23,781	3 8	905
Calvin D Beiler						
119	3	4 5	305	22,701	4 0	905
Floyd Kreider & Son						
90	3	4 1	305	20,858	4 3	903
J Omar Beiler						
Dinah	3	9-3	305	27,168	3 3	899
Robert Kauffman Jr						
Mindy	3	6 9	305	28,166	3 2	895
Jenifer	3	4 7	305	23 628	3 8	891
Lester M Weaver Farm #1						
258	3	4 9	305	18,936	4 7	895
Lester M Weaver Farm #1						
258	3	4-9	305	18,936	4 7	895
Welk Acres Farm						
1752	3	6 11	305	27 676	3 2	888
Calvin D Beiler						
Rosie 70	3	3-9	305	24,165	3 7	885
Robert Gochenaur Jr						
20	3	6 8	305	26,566	3 3	884
Earl E Martin						
Lady	3	6 6	305	22,041	4 0	880
Pauline	3	5-3	301	21 833	4 0	863
Becky	3	5 11	305	20,014	4 0	809
Raymond & Louise Witmer						
Beech	3	3 10	305	19,653	4 5	879
Joseph C Wivell						
Fayne	3	6 10	305	22 258	3 9	877
Fan	3	7 3	305	24,952	3 4	844
Lonna	3	4 7	305	19,521	4 1	808
John O Stoltzfus						
Bell	3	3 1	305	19 715	4 4	876
Daryl & Sam Martin						
70	3	5-4	305	24,666	3 5	874
Alpha	3	3-2	305	21,676	3 9	853
132	3	3 6	305	21,191	3 9	817
Glenn F Shenk						
Dora	3	2 5	305	24,005	3 6	873
Penn Har Va Farms						
Tammy	3	4 4	305	24,270	3 6	872
Glenn M Shelly						
13	3	5 7	305	25 211	3 5	870
Paul B Zimmerman						
Revlon	3	8 3	302	19 145	4 5	870
Carl L Martin						
Jan	3	6 5	305	24 576	3 5	868
Marie	3	4 3	305	24,438	3 5	849
Girl	3	8 2	305	21 364	3 7	801
Kenneth D Myer						
Peony	3	4-11	305	21,184	4 1	868
Laurel	3	5-0	305	29,602	2 8	830
Walnut Run Farm						
5	3	4 2	305	20,290	4 3	868
Kenneth E Zurin						
189	3	4-3	305	27,838	3 1	864
33	3	0 0	305	27,467	3 0	814
Levi E Stoltzfus						
Lill	3	4 1	305	22,013	3 9	864
Samuel J Stoltzfus						
15	3	6 3	305	21,754	4 0	864
Henry S DeLong						
77	3	4 5	305	17,840	4 8	863
113	3	6 7	305	20,166	4 3	861
John H Howard						
Melody	3	3 2	305	28,380	3 0	860
Boo	3	3 1	305	25,285	3 2	806
J Wade Groff						
Elsa	3	4 7	305	19 877	4 3	860
Omar Smoker						
Dora 21	3	8 11	305	21,349	4 0	858
Linda	3	4 2	305	20 754	3 9	813
Carlene	3	6 5	305	21,703	3 7	806
Fertrell Farm						
33	3	7-2	305	24,513	3 5	856
41	3	6 3	305	24,197	3 5	841
Lee Nome Farm						
Debbie	3	3 9	302	18,833	4 5	856
Reuben A Stoltzfus						
Babes	3	3-4	305	23,350	3 7	855
Missy	3	3 2	305	22,071	3 8	842
Design	3	2 6	305	22,180	3 8	835
Edwin R Stoltzfoos						
Wanda 38	3	6-5	305	23,280	3 7	855
Robert H Rohrer & Sons						
49	3	3-3	305	23,302	3 7	853
307	3	3 1	305	25,861	3 3	848
237	3	6-6	305	27,782	3 0	825
79	3	4-0	305	20,560	3 9	809
Clarence M Hoover						
Joy	3	3 10	305	21,327	4 0	853
Jacob M Conley						
Pepper	3	4 2	305	23,604	3 6	851
John M Harnish						
Barbie	3	3 0	305	19,001	4 5	851
Gerald Martin						
Rita	3	7-1	305	23,088	3 7	850
Paul H Rohrer & Sons						
61	3	6 7	305	22,527	3 8	848
Robert L Shelly						
Print	3	6 1	305	25,129	3 4	847
L Weaver & E Fisher #2						
197	3	5 9	305	23,099	3 7	845
J Floyd Kreider						
9	3	8 11	305	27,192	3 1	844

(Turn to Page D18)

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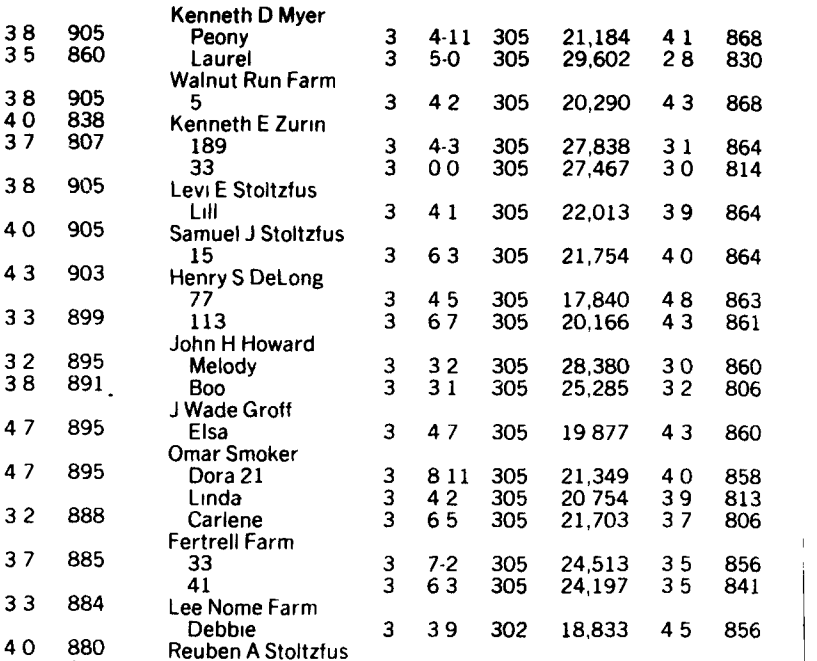

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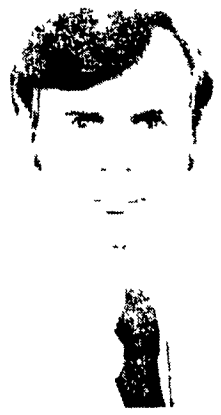

Dairy Pipeline

By
Glenn A. Shirk
Extension
Dairy
Agent

Water Quality Problems

In my last column, I focused on cows' need for water, water intake, water quality and water testing. This column focuses on preventing and correcting water quality problems.

When you discover that you have poor quality water, what do you do — install a water treatment system? That may be an appropriate solution, but remember, you're treating a lot of water when you consider how much cows drink, and that can be very costly. For this reason, other alternatives should be considered, too. The cost of installing and operating a treatment system must be weighed against herd losses incurred as a result of poor quality water. Marked improvement in herd performance can make an expensive system look very reasonable. However, let's explore some other alternatives.

What are the chances of finding better quality water by drilling a new well or drilling your present well deeper?

Many of our older farmsteads are located in low spots near springs and streams or where shallow wells could be hand dug. That may have been convenient for our forefathers but it can be a problem for today's farmers who are managing many times more cows on that same site. The concentration of manure is much greater. The shallow wells and springs are also very vulnerable to contamination.

We are also applying more manure, fertilizer and chemicals to our fields. Some of these nutrients and chemicals are carried away in the runoff water. If this runoff water collects in the low spots around our buildings, it may be concentrating nutrients and chemicals from the fields close to our water supply. There are several things you can do to minimize this problem.

Haul more of the manure to distant fields and minimize concentrated applications close to the buildings.

Runoff from lots can also concentrate nutrients close to our water supply. Perhaps you can catch the runoff and haul it to the fields where it will do more good. Divert surface water away from feedlots to help prevent contamination.

Another alternative is to keep more of the water and nutrients on the field where they were applied. Good conservation practices such as minimum tillage, cover crops, contour farming, and strip cropping can help. Water terraces can help you intercept the water and nutrients before they move too far from the fields. Incorporating manure and fertilizer soon after application can minimize run off pollution.

Most of these ideas are preventive in nature and may not solve existing problems rapidly. To cope with existing problems you may have to look at ways you can help cows better tolerate poorer quality water, or install a treatment system.

In my last column, I alluded to the fact that healthy cattle under good management, consuming a balanced ration and good quality feeds, might have a higher tolerance for off-quality water than cows that are experiencing stresses of various sorts. Perhaps it would be worthwhile to review feeding and herd management practices.

Maybe you can dilute the effect of poor quality water by blending it with some better quality water. If the water contains elevated levels of nitrates, consider using feeds of lower nitrate content; chances are the cows are consuming much more nitrates from the feed than from the water.

(Turn to Page D19)

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(Continued from Page D16)

2	3	5-6	305	23,425	3 6	832
23	3	5-4	305	25,275	3 2	806
Gypsy Hill Farm						
Heather	3	4-2	305	23,214	3 6	844
G Hershey Hostetter						
Holly	3	6-5	305	23,057	3 7	843
Albert Breneman						
131 Wire	3	7-0	305	20,608	4 1	843
Willis M Martin						
Inez	3	6-7	305	24,817	3 4	842
David B King						
Bell	3	4-2	305	22,618	3 7	841
Axel-Mildred Linde						
Joy	2	3-1	305	17,647	4 8	840
Aaron S Glick & Sons						
28	3	4-0	305	27,235	3 1	839
Singing Maples Farms						
99	3	3-8	305	23,620	3 6	839
Weeping Willow Farm						
Linette	3	3-5	305	19,462	4 3	839
Samuel E Beiler						
Ellie	3	4-5	305	26,885	3 1	838
Edwin Sensenig						
Linda	3	6-7	305	25,975	3 2	838
James W Bowman						
Marlene	3	7-1	290	22,593	3 7	838
Balmer Brothers						
127	3	4-4	305	20,323	4 1	838
103	3	6-3	305	20,731	3 9	812
John Z Weaver						
53	3	4-4	305	22,942	3 6	837
Eli H Weiler						
Penny	3	5-4	305	21,814	3 8	837
138	3	4-6	305	19,239	4 3	827
Harold K Witmer						
Corinne	3	10-7	305	23,884	3 5	836
Red Knob Farm						
83	3	3-0	301	21,167	3 9	836
H Fisher & A Allgyer						
Becky	3	5-2	305	24,575	3 4	835
Marlin R Beiler						
Polly	3	6-1	305	22,481	3 7	834
James S Bollinger						
Rene	3	6-3	305	21,206	3 9	834
Harry Zimmerman Jr						
Frances	3	3-3	305	19,499	4 3	834
Ferncrest Farm						
383	3	3 3	305	18,615	4 5	833
H Landis Weaver						
Luck	3	4-3	305	20,337	4 1	832
Folly	3	2-5	305	21,401	3 8	820
Valerie	3	4-5	305	26,936	3 0	817
Leon N Sensenig						
25	5	8-5	305	20,967	4 0	831
Karl W Herr						
69	3	5-1	305	23,533	3 5	830
Burnell W Nolt						
Rich 23	3	8-8	305	23,050	3 6	830
David W Sweigart						
174	3	3 1	305	23,780	3 5	828
Daniel M Stoltzfus						
Betsy	3	5-0	305	23,674	3 5	828
Marla	3	8-3	305	22,032	3 6	800
C Victor Groff						
96	3	4-8	300	20,976	3 9	828
Kathy	3	5 0	284	25,245	3 3	822
Glenn Z Musser						
Peggy	3	7-4	302	19,134	4 3	828
J Ray Ranck						
Dixie	3	9-2	305	24,145	3 4	827
John K Peters						
Apple 84	3	3 1	295	22,987	3 6	826
Lloyd B Sensenig						
Marsh 30	3	4-11	305	19,966	4 1	826
Ivan Z Martin						
Dawn	3	6 1	305	22,768	3 6	825
Landis Garman						
Casey	3	5-0	304	22,277	3 7	825
Tamar	3	6-11	305	25,615	3 2	819
Homer G Hess						
Goldie	3	4 11	290	20,311	4 1	825
Sandy	3	4 2	305	22,030	3 7	808
Amos K Petersheim						
Cora	3	7 2	305	21,618	3 8	824
John F Petersheim						
9	3	4 6	305	24,108	3 4	823
Fred Crider (Holstein)						
Mira	3	5 5	305	19,221	4 3	823
Amos B Lantz						
Beulah	3	4 3	305	20,845	3 9	822
Lester J Wiker						
Brandy	3	3 3	305	24,011	3 4	821
Samuel B Lapp						
Bella	3	5 3	305	23,235	3 5	821
David L Landis						
161	3	4 1	305	21,501	3 8	821
187	3	4-1	305	24,294	3 3	800
Twin Oak Farms						
280	3	9-0	305	18,836	4 4	821
Dal Car Farm						
13-313	3	4 3	305	26,255	3 1	820
Robert & Linda Sensenig						
20	3	3 3	305	22,668	3 6	820
John R & Rick Groff						
Deen 31	3	8-0	305	23,932	3 4	819
Creek Knoll Farm #2						
Faith	3	10-3	289	20,753	3 9	819
Ronald H Leaman						
Sassy	3	4-10	305	22,300	3 7	818
Harvey W Stoltzfus						
Bo	3	4-1	305	22,254	3 7	818
Luke E Martin						
60	3	5-3	305	21,060	3 9	818
Luke S Stoltzfus						
Polly	3	3-10	305	21,057	3 9	818
Kenneth & Sarah Morgan						
170	3	4 5	305	22,780	3 6	817
Eugene Witmer						
Alvie	3	5-0	305	22,027	3 7	817
R Edwin Harnish						
Ginger 8	3	3-4	302	19,730	4 1	817
Calvin D Keene						
Rachel 41	3	3 5	305	21,950	3 7	816
Allen S Groff & Son						
64	3	4 10	305	21,192	3 9	816

(Turn to Page D19)

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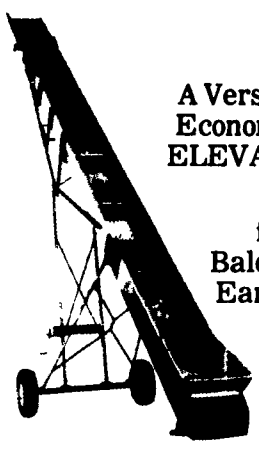

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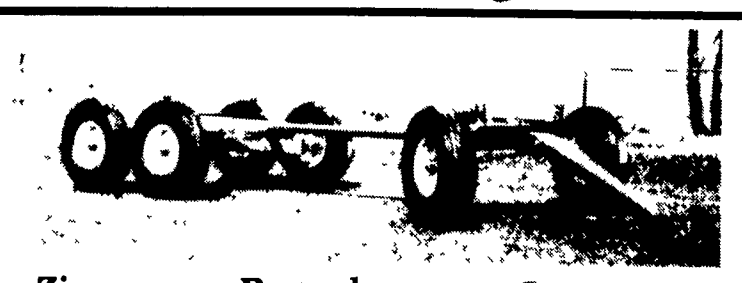

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Pequea Meadows Farm						
217 Jane	3	6 1	305	20 890	3 9	815
2471 Vet	3	4 11	305	20 953	3 9	811
William H Douts						
32	3	9 11	305	20 823	3 9	815
Mary 51	3	3 10	305	21 143	3 8	800
JLB Acres						
62	3	4 1	305	21 836	3 7	814
Mer Land Farm						
Susie	3	4 4	305	22 896	3 6	813
Clair M Bowman						
50	3	6 3	305	22 735	3 6	813
Elmer M High						
58	3	3 3	305	24 714	3 3	812
LeRoy M Oberholtzer						
12	3	6 5	270	19,705	4 1	812
Benuel F Stoltzfus						
Snow	3	3 9	305	24,992	3 2	811
Wilmer L Shertzer						
95	3	4 3	305	24 927	3 3	811
Nathan G Stoltzfus						
Marcie	3	9 3	305	22 215	3 7	811
Robert E Kulp						
7	3	6 1	305	21 305	3 8	811
60	3	3-6	305	22,049	3 7	805
L Clair Miller						
Valentine	3	4 9	305	25,305	3 2	810
Moses M Beiler						
Sparrow	3	6-6	286	23,218	3.5	809
Jay E Landis						
LuJoy	3	4-8	305	19,616	4 1	809
Penn Hill Farm						
313	3	4-10	262	18,460	4 4	809
E Richard Bruckhart						
Goldrod	3	2-2	305	19,980	4 0	807
Clarence W Shirk						
28	3	5-10	305	18,076	4 5	807
John S Beiler						
Sherry	3	6-10	305	19,922	4 0	806
Parke H Ranck						
Sue	3	6-5	297	21,734	3 7	805
Alvin L Petersheim						
Conny 12	3	5-4	295	19,641	4 1	804
Philip Horst						
Minnie	3	4-11	297	26,134	3 1	803
Edwin J Landis						
Luella	3	4-3	305	22,310	3 6	802
Welsh-Vista Farms						
31	3	5-4	305	21,162	3 8	801
Amos M Stoltzfus						
Elma	3	4-3	300	20,324	3 9	801
Stephen F Stoltzfus						
Mitsy		9-8	305	23,101	3 5	800
John P Lapp						
Faith 2	3	4-9	305	21,694	3 7	800

Dairy Pipeline

(Continued from Page D17)

Annuals, such as corn and grasses, generally have higher levels of nitrates, especially if they received heavy applications of nitrogen and if they have been grown under stress (drought, hail injury, frost, etc.). The lower portion of the stalk has the highest levels; leaves have less, and the seed (grain) contains the least. The level of nitrates in forages is cut approximately in half when ensiled; some of it is lost in the form of silo gas. Certain weeds, such as redroot and lambsquarter, accumulate nitrates; keep weeds under control.

Additional buffers in the ration may help cows cope with acid water.

Another approach would be to prevent acidosis: feed less starchy grains and more fiber; or offer grain in smaller portions and feed it more frequently. Gut linings that are damaged by acid rations may also be more sensitive to extreme pH levels in the water supply.

Levels of nutrients (contaminants) in water, the pH of water, etc. can also affect digestion, nutrient absorption and metabolism in cows. And so, it's not surprising to see that some cows respond to adjustments in the vitamin and mineral levels of the ration, especially if the cows were already deficient of these nutrients.

If you have to install a treatment system, what do you treat for? Water tests can give you a clue. Many systems have been installed and many herds appear to have shown a positive response; others have not. Because of this uncertainty, you may want to install a system on a trial or rental basis; if possible, before committing yourself to a purchase.

Many herds have responded favorably to systems which reduce nitrates, sulfates and coliform bacteria, and adjust pH. What was responsible for the herd's response? Was it the removal of nitrates and sulfates, or was it the reduction in bacteria or a correction of pH? Perhaps there was a change in flavor.

Nitrate and sulfate removal systems can be expensive. Because of the treatment process used, water leaving the system may have to be neutralized. Maybe the cows responded more to the neutralization than to the removal of nitrates or sulfates. If so, perhaps a simple pH adjustment is all that was needed. This is not an incrimination of nitrate and sulfate treatment systems, it's only an attempt to get you to focus on some cheaper, simpler treatments first.

Bacterial levels can be reduced by chlorination or by the use of UV light. Bacteria may be present in the well, or perhaps it is growing in a water storage tank or in the plumbing. For chlorine to be effective it needs to be of the proper concentration, and it needs contact time to kill the bacteria. At a concentration of 0.4 ppm of free available chlorine, a contact time of 30 minutes is recommended. Installation of an intermediate storage tank in the water line is one way of achieving the desired contact time. The chlorine could then be metered into the well or into the storage tank.

Some people dislike fussing with chlorine, and prefer to use a UV light. To be effective, the UV rays must be able to penetrate through the water and get to the bacteria. That means the lens must be kept clean. The water may need to be softened to prevent scaling of the lens. If the water is cloudy, it may need to be filtered. The size of the system must also be matched to the peak flow rate of water. Since nothing is added to the water, the treated water is not protected. Thus, it could still become polluted from contaminants in the system beyond the point of treatment. And so, it may still be necessary to occasionally disinfect the system.

Another good way to reduce bacteria in the drinking water is to practice good sanitation. Don't overlook the importance of cleaning out the watering bowls and watering troughs, or fencing cattle away from stagnant, polluted bodies of water. This is also a good way to help protect cattle from algae poisoning, too. Algae growth in water can also be combatted with 1 ppm concentrations of copper sulfate; that's equivalent to about 3 pounds of copper sulfate per acre foot of water.

Earlier, I discussed nitrates in water. Another source of lower nitrate water might be the farm pond. I say this somewhat reluctantly because of some of the other problems that might exist with pond water, such as bacteria and algae. Apparently, the algae feeds on the nitrates.

Iron problems can be combatted a number of ways. Among these are filtration and ion exchange. Some iron problems are caused by a slime-forming iron-loving bacteria, which can be controlled by chlorination.

Poor quality water can be a serious problem. It can threaten the health of your family and the performance and profitability of your herd. If in doubt have your water tested. Many water problems can be combatted or prevented with good management. This is a long term approach toward preventing and correcting problems and may not offer a quick solution to existing problems.

At other times a treatment system may be necessary, in which case, you should seek the services of someone who has experience with farm water supplies.

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215-536-1935

Berks County DHIA Monthly Report

Pennsylvania Dairy Herd Improvement Association

December, 1986

Charles and Tim Kissling lead the Berks County DHIA in December for milk, fat and protein The Robesonia farm averaged 22,046 pounds of milk, 827 pounds of fat and 695 pounds of protein on 68 cows

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs.
Charles&Tim Kissling	3	68 4	84 8	22,046	827
David L Schrack	B3	101 7	87 8	20 147	782
Junge Farms	3	77 6	89 2	20,464	773
Mark A Wolfskill	3	100 8	84 5	20 818	772
Forrest C Stricker	B3	57 1	85 5	21,706	765
Vista Grande Farm	3	89 4	87 4	21 337	759
Mertz Brothers	3	41 8	83 3	21,159	759
Bendy Brook Farm	3	46 7	86 8	20,420	756
Raymond A Seidel	3	41 3	87 1	19,125	751
Heindel Farms Inc	3	41 7	86 9	20,078	750
Plushanski Farms Inc	3	143 4	83 5	19,346	740
Merlin J Grube	B3	48 8	88 2	19,577	733
RR Troutman & Sons	3	136 1	85 1	19,009	729
George S Troutman Jr	B3	77 8	88 9	19,112	725
Reu Hel Farms Inc	3	95 0	87 2	20,261	725
Richard A Beiler	B3	52 5	87 6	20,712	713
Udder Valley Farm	B3	79 9	87 3	18,985	707
Mervin Brubaker	B3	67 2	86 4	19,479	703
Rothrock Golden Hol	B3	113 4	81 8	19,211	702
Daview Farm	3	70 7	83 9	19,837	700
Swatara Dairy Farm	3	67 3	83 4	17,826	698
Ralph & Ken Sanner	3	78 4	87 3	19,188	698
Arlan Krick	B3	66 9	87 7	18,284	692
Nathan Nolt	B3	55 0	86 3	19,187	686
Leroy E Howard	3	147 3	89 6	19,012	686
William G Howerter	3	90 3	86 4	18,106	684
Robert E Kopfer	B3	65 9	87 1	19,557	684
Harold Schuler	3	38 7	88 8	19,634	683
Retland Farm	3	54 8	87 4	19 635	682
Zahncroft Farm	3	56 5	88 2	18,676	679
Clarence B Kulp	3	72 9	89 2	19,145	676
Irvin G Weaver	B3	54 2	89 2	18 530	*673
Wooden Bridge Farm	B3	55 6	86 5	20,421	673
Leonard G Stoltzfus	3	105 2	85 4	19,391	673
Yost Brothers	B3	110 9	87 4	19,625	670
Martin & Missy Moyer	B3	51 4	86 0	18 908	669
Oleka Acres	3	54 1	87 9	19,974	669
Harvey M Weaver	B3	50 0	85 2	18,010	665
Grumbro Holsteins	3	48 9	83 9	17 683	664
FM Browns Sons Inc	B3	98 3	91 5	19,089	664
Elvin Brubaker	B3	41 4	87 9	18,217	663
George E Moyer	3	105 3	86 9	18,246	660
Leon N Martin	B3	38 3	89 6	18,164	659
Tulpa-Canal Farm	B3	38 4	87 1	18,899	658
Heindel Farms Inc	1	22 6	87 2	16 139	657
Frank G Gromlich	3	69 8	84 1	17 564	657
Blue Mtn Academy	B3	132 2	89 8	18 129	655
Robert C Dreisbach	4	79 2	84 6	13 267	654
Ronald Kelchner	B3	79 1	87 5	18,037	654
Donald B Duncan	B3	104 8	86 0	18,222	654
Ernest C Hoffman	3	58 6	88 2	17 946	653
Alton Rohrbach	B3	54 9	88 0	18,737	653
Dean&Brenda Daubert	5	38 0	88 5	16,824	653
Show Top Farms	3	169 1	90 4	17 487	652
Wilhomar Farm	3	43 6	85 3	19 222	651
Ray E Bicksler	3	50 0	89 1	18 044	649
Andrew D Stoltzfus	B3	110 3	85 8	19 133	649
Glenn B Gockley	3	44 3	85 0	18 311	643
Muddy Creek Farm	3	37 6	82 5	18 185	642
E Daniel Leatherman	B3	66 2	88 4	17 225	640
Scattered Acres Inc	B3	143 6	82 3	17,990	639
Ken&Debra Dietrich	B3	52 6	83 4	17,612	634
F Mark Weber	8	35 7	81 5	16,767	632
Don Aloan	B3	46 4	85 0	18,143	631
Luke Snyder	B3	54 1	88 6	18,111	630
Ernest O Miller	B3	222 5	86 0	17,512	630
Fred J Walters	B3	82 2	85 0	17,540	629
Daniel J Harnish	B3	100 5	85 3	17,260	629
Harvey C Krill Jr	B3	51 5	91 1	16,818	629
Samuel L Mast	3	46 9	86 3	17,603	628
Donald Burkholder	B3	102 9	86 2	17,576	628
Ker Min Farms	3	80 4	86 1	17,164	624
Glenn R Harnish	B3	127 2	86 3	17,757	623
Bernell L Burkholder	B3	43 3	83 1	18,098	621
Jacob M Wise	B3	42 2	85 1	18,439	621
Red Fever Farm	B3	69 0	89 0	17,298	620
Rick Phillips	G3	62 7	81 6	16,901	620
Donald M Meyers	3	56 3	89 3	16,603	618
Bruce Reigel	G3	39 5	85 0	16,017	617
Joe & Deb Kohler	B3	35 2	88 7	17,843	617
Donald Rentschler	B3	62 5	87 7	18,010	617
Kenneth Zook	B3	52 1	88 5	17 490	615
Linden Loch Holstein	B3	35 5	81 4	16,566	613
Herb Top Farms	B3	43 4	84 6	17,275	613
Landis R Martin	B3	48 7	87 7	16,756	612
John H Stump	3	72 8	88 6	17,561	611
Lynnacres	3	195 0	89 9	17 191	610
David Gross	B3	35 0	86 3	17,634	610
Harold Fenstermaker	3	32 8	86 7	15,145	610
Robert L Sattazahn	B3	100 6	89 5	17,160	*609
Lawrence Kieffer	B3	95 0	84 8	16,907	609
Floyd Kurtz	B3	61 9	85 6	18 171	609
Charles D Moyer	B3	126 6	87 0	17,018	606
Pinnacle View Dairy	B3	46 8	86 3	16,792	605
Kl+Ba Grimes	B3	130 9	88 6	16,301	605
Rolling Acres Farm	G3	39 1	84 0	17,008	602
Raymond L Kulp Son	B3	88 0	89 9	16,749	602
Charles W Wagner	B3	49 4	88 9	17 139	601
David J Williams	B3	46 9	84 2	17,490	600
Kur Del Farm	B3	43 7	83 2	17 761	599
Whirlwind Acres	B3	113 9	89 3	16,976	598
David L Phillips	4	43 6	87 9	12,988	598
William C Adams	B3	86 6	90 2	14,356	596
Mark G Hoch	B8	60 2	87 5	16,008	595
Gary Martha Heffner	B3	45 5	81 4	16,065	595
Lester Martin	B3	45 3	87 6	16,324	593
Clarence C Sattazahn	B3	110 3	89 5	15,654	592
Richard Schlegel	B3	59 9	85 6	17,220	592
Earl R Hafer	B3	116 8	86 8	16,762	591
Terry Kunkel	B3	42 9	81 8	17,870	591
Teen Chal Farm	B3	122 1	86 1	17,018	591
Ray W Seidel	B3	39 2	86 5	16,706	590
Ontelynn Acres	3	132 4	87 7	15,589	587
Alfred E Schmidt	3	57 7	88 4	16,640	585
Clyde Loump	B3	57 4	85 0	16,103	582
Richard W Hoppes	B3	66 4	85 8	16,305	579
Ro Ria Farms	B3	216 4	89 3	15,886	578
Robert Yanos	B3	59 6	88 7	15,927	578
Meadow Springs Farm	B3	55 2	83 2	17,048	577
Eleanor K Siegfried	3	103 5	89 8	16,073	577
Glenn E Hoffman	B3	57 1	85 0	15,843	576
Wilmer Dreibelbis Jr	B3	113 2	82 6	15,479	576
Win Dale Farm	4	55 0	87 9	11,638	575
Pine Brook Farm	3	113 2	82 0	15,690	574
Albany Farm	B3	37 3	86 7	16,237	573
Harold Dietrich Hol	B3	34 8	89 8	16,698	572
Elam G Hoover	B3	70 9	89 3	15,125	568
Lowell C Kurtz	B3	34 6	84 6	15,708	567
Carl H Rabenold	B3	64 9	83 1	16,889	562
Larry E Phillips	B3	35 9	83 7	15,612	562
Ronald Weyer Holst	B3	57 7	83 8	16,427	561
Jerry A Krone	B5	14 8	86 6	14,514	560
Savidge Farms	B3	56 2	88 2	15,421	560
Robert E Kieffer	B3	59 6	88 9	15 710	559
Rodger L Wagneer	B3	133 0	89 4	15,593	558
Ronald L O'Neil	B8	49 6	86 0	14 891	557
Clarelynn Farms	2	46 2	85 7	12 055	552

Columbia County DHIA Monthly Report

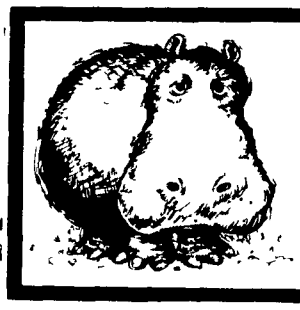
Pennsylvania Dairy Herd Improvement Association

December, 1986

Name	Brd	No Cows	% Days In Milk	Milk Lbs	3 Fat X Lbs
Frank L Jurbala	3	45 5	85 8	21,102	767
Shultz Bros	3	78 8	88 5	19 046	762
Richard Kriebel	B3	54 7	90 6	19,758	752
John W Turofski	G3	34 5	86 4	20,525	745
Richard Yule	3	46 4	86 9	20,469	719
Duane E Shuman	B3	29 3	90 0	19,055	718
Richard Kriebel	2	12 7	93 2	14,001	685
Hunter Crest Farm	3	38 3	85 1	19,769	679
Robert-Sue Rumsey	B3	29 0	87.1	19,049	*677
William Bissinger	B3	34 5	83 8	18,975	667
James L Kline	B3	24 5	89 3	19,543	664
Circle C Farms	B3	32 8	86 5	17,434	659
J Robert Book	B3	67 3	87 9	17 651	656

The following cows completed lactations over 850 pounds of fat during December 1986

Lyons Den Dairy						
Pandora	3	3 7	305	27 513	3 5	962
Shultz Bros						
46	3	5 1	305	23 291	4 5	1043
Hosler Bros Farms						
42	3	7 1	305	24,347	3 5	855
Pen Col Farms						
Mercy	3	5 5	228	25,988	3 6	935
Annie	3	4 10	302	29,528	3 2	952
#Dixie	3	4 4	305	29,015	3 3	968
#Boots	3	3-6	259	23,129	3 8	885
#Debut	3	1 10	305	22 821	3 9	881
Richard Kriebel						
Heidie	3	7 5	305	19 503	4 4	855
Midge	3	5 1	305	20 996	4 1	857
Frank L Jurbala						
Tara	3	5 1	305	26,665	3 6	961
Duane E Shuman						
Abby	3	3 10	305	22,392	4 0	901
Richard Yule						
Josie	3	3 7	305	23 960	3 7	893



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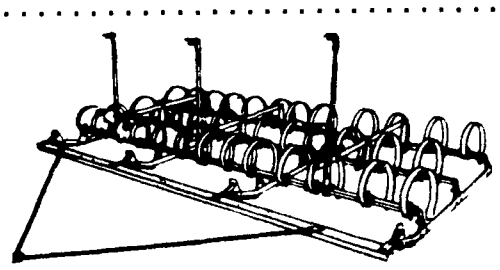

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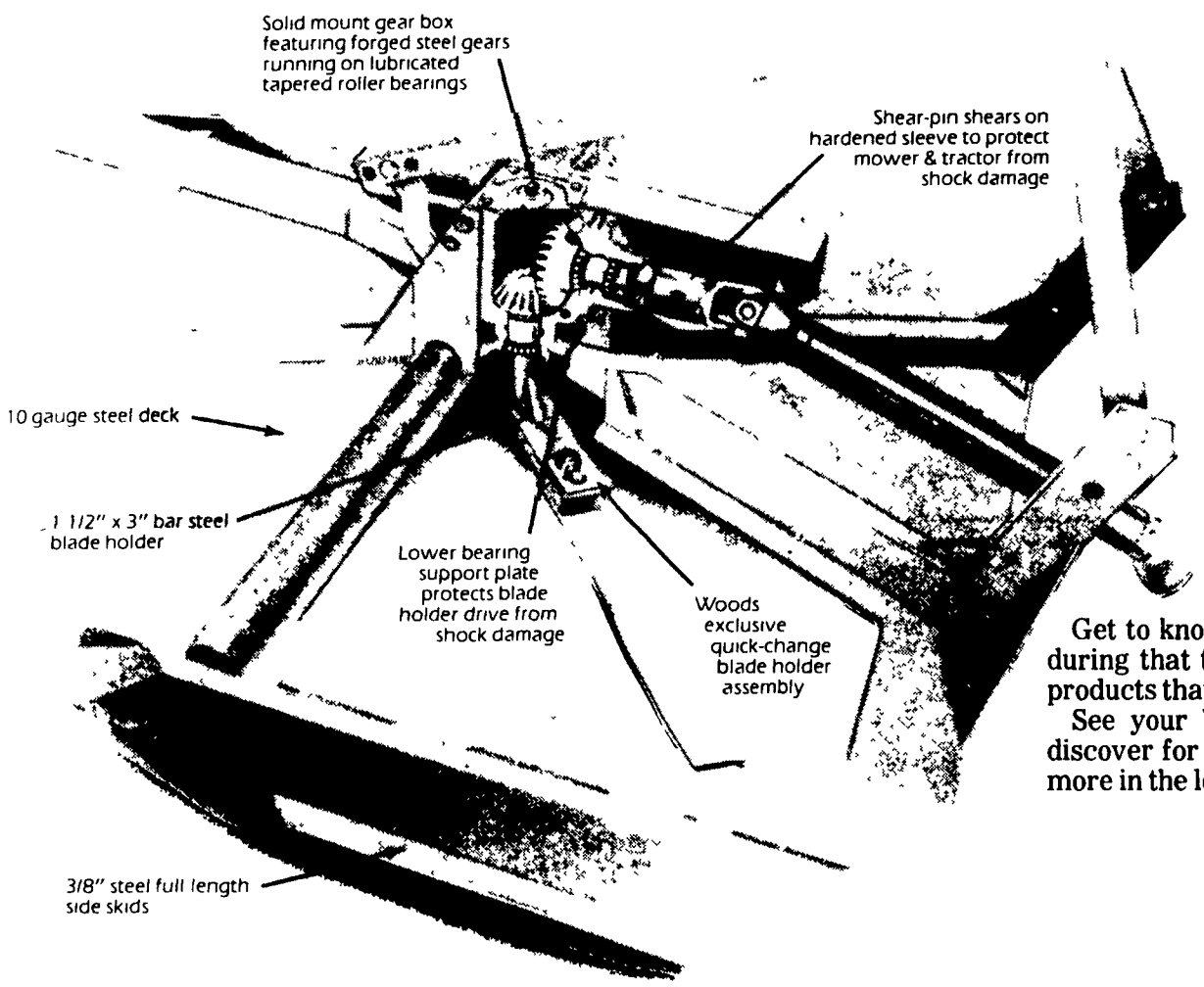
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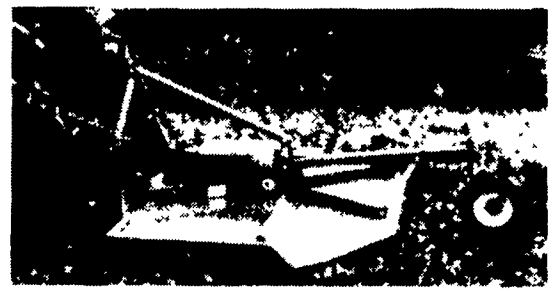

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Del. Seminars To Focus On Farm Records

NEWARK, Del. — What's old and musty, but can turn a loss situation into gains? Farm records, say two extension specialists who'll be giving a workshop on the subject Wednesday, Feb. 11 (snow date Feb. 12), at the University of Delaware research and demonstration farm (the Kohl farm) near Middletown.

Farm records — both field and financial — can offer clues as to how costs can be cut and the chances for profit improved, say extension farm management specialist Dr. Don Tilmon and extension agronomist Dr. Richard Taylor.

"After they've filed their tax forms, many farmers put their financial records into a drawer and never look at them again," says Tilmon. "Soil test reports suffer a similar fate after fertilizer orders have been placed for the year. But both these sets of records hold valuable information that can help you manage your farming operation better. The key is to learn how to extract and interpret that information."

The Feb. 11 workshop will be the first of three on "Farm Business Management and Recordkeeping for Tomorrow" being planned for area farmers by University of Delaware extension professionals. The other two workshops have been scheduled for Feb. 25 (snow date Feb. 26) and Mar. 11 (snow date Mar. 12). Each session will be held twice — from 10 a.m. to noon, and from 7:30 to 9:30 p.m. The Kohl farm is located on route 301 just west of Middletown.

According to extension agricultural agent Dean Belt, who helped plan the series, presentations will be "brief, practical, with plenty of time for you to pick the brains of the specialists. We're encouraging everyone in the family who's involved in the farm business to attend. Sessions are free, but for planning purposes we are asking that people preregister for the series by February 9."

At the Feb. 11 session participants will learn how to evaluate their production options, use records in the decision-making process, and evaluate the economic consequences of production changes. Agronomist Taylor will show how changing hybrids, fertility rates or plant populations, for example, might affect cost of production. Tilmon will show how farm records can be used to make business decisions. And extension home economist Debbie Amsden will discuss techniques for establishing family and farm financial goals.

At the Feb. 25 workshop, extension weed specialist Frank Webb will show participants how to establish and use field records to select profitable herbicide packages, and agricultural engineer Tom Williams will show how using production records and field history as guides in modifying and calibrating equipment can significantly reduce production costs.

The final workshop in the series will focus on the use of integrated pest management (IPM) techniques and marketing aids to build business profits. At this session extension IPM specialist Joanne Whalen will show how to use field scouting to make pest control decisions, and marketing specialist Carl German will show how to use production costs and other farm business records in making marketing decisions.

For further information or to register, call extension agricultural agent Dean Belt at (302) 451-2506.

Northeast Fruit Growers To Meet

SCRANTON — The Northeast Regional Fruit Growers meeting will be held Tuesday, Feb. 10, from 9:30 a.m. to 3:30 p.m. at the Ramada Inn on Routes 6 and 11 at Chinchilla.

Arranged by the Lackawanna County Horticultural Association and the Cooperative Extension Service of Penn State University, the meeting is open to all fruit growers.

James Travis, Extension plant pathologist, will speak on the new fruit disease management recommendations for 1987. Other speakers on the program include Robert Crassweller, Extension pomologist; Ed Rajotte, Extension entomologist; Steve Crawford, Pennsylvania Farmers Association and James Garrahan Pennsylvania Department of Agriculture.

Program topics include right-to-know regulations; integrated pest management and certification of private pesticide applicators. The meeting will provide qualification points for current holders of private pesticide applicator permits.

Lunch will be served at the Ramada Inn but no reservations are necessary. Further information is available at the Lackawanna County Cooperative Extension Service at 717-963-6842.

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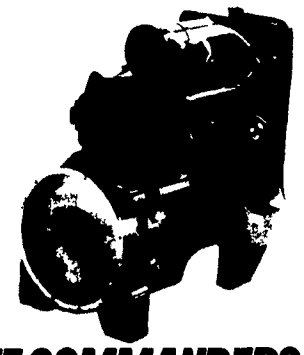

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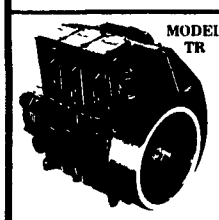
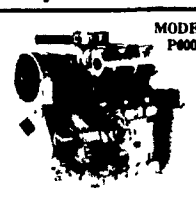


Air Cooled 2 & 3 Cylinders



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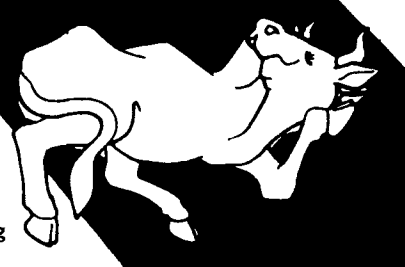

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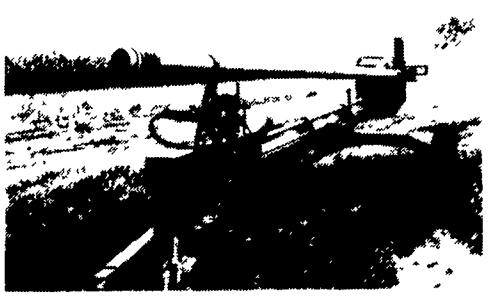

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4 row Int. air corn planter, like new; Gravity wagon w/fert. auger; 1 PR Int. corn picker. Lanc. Co. 717-548-2392

Sunbeam batt. clipper, $50.; Batt. charger, $25.; Set of double NH 455 mower guards, $30. David B. Zook, RD1, Box 1054D, Bethel, Pa. 19507. Berk Co.

2 BR modern ranch home, hardwood floors, paved driveway, car port, located in Perry Co. on banks of Susquehanna River, $36,500. 717-444-2162

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Snow blower, 3 pt. hitch, 8' wide, $850.; V snow plow, $200. Monroe Co. 717-992-4446

500 board ft. black walnut planks, sawed 1981, air dried barn, can mill you specification. Best Offer. Bucks. 215-862-2506

1520 JD tractor, WFE, 2 stage clutch, hyd. outlets, power steering, 1,800 hrs , VG condition. Berks Co 215-845-3707

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1969 IH hi lift coal truck, 5 ton capacity, 4/2 spd., $2,500. Negotiable or Trade for 3/4, 1 ton pickup. Schuylkill Co. 717-345-6364

Snow blower, new double auger, 3 pt. hitch Tioga Co 717-353-7982 after 6:30 p.m.

Top quality pleasure walking horses, 16.2 hand, plantation prospect. Best Prices. Sharp weanling, registered black colt, $300. Somerset Co. 814-267-3809

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George White 500 gal tandem axle sprayer reinforced booms quick fill valve excellent condition Frederick Co MD 301 8? 5217

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JD 18x7 model B grain drill, mech. lift, cab, to fit 3020 and 4020 tractors; NH 273 baler, very good cond. Salem Co. 609-358-3923

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(20) 10' church benches. Union Co. 717-837-3646

IH T6 crawler, good condition w/belt pulley. Lanc. Co. 717-354-8032

18" hyd. powered tire bender or roller for steel wheels, used 3 yrs., $1,500. or Best Offer. Floyd Yoder, RD1, Box 113, Meyersdale, Pa. 15552.

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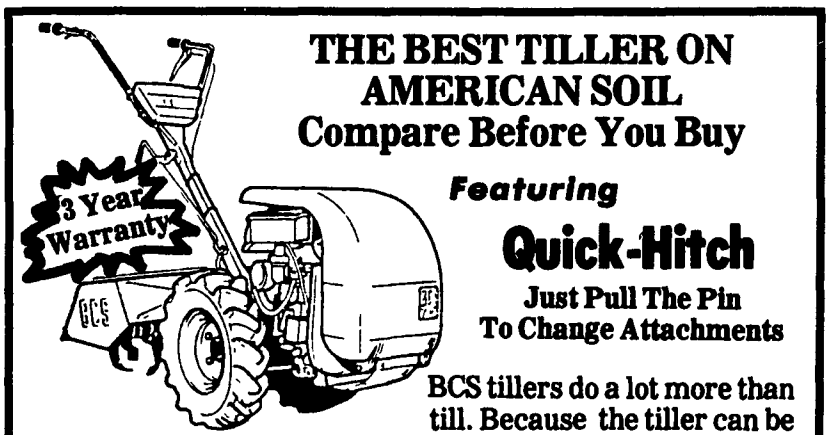

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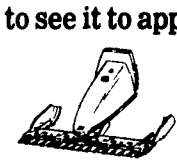
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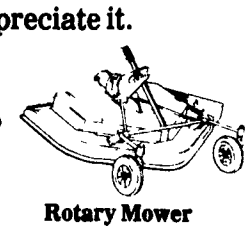
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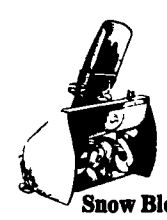
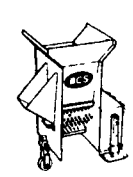

Snow Blower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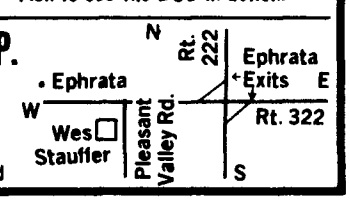

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Reg. Angus heifer, born 2/86, Sire Big Sky, Dam's Sire CDH Power Lift, excellent 4-H project. 301-592-6485

TD9 dozer, 90% left on undercarriage, work machine everyday, manual angle & tilt blade, $2,900. Perry Co 717-789-4748

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Int. BD308 engine, 5 spd trans., radiator, on frame, make power unit, can heav run, $350. Berks. 215-385-3187

1986 Olds 442, loaded, 4,000 miles, garage kept; 1972 Gran Torino Sport, garage kept, classic tag. Monroe Co. 717-992-4863

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Fairbanks platform scales, 1,000 lbs.; (6) 8.00x16.5 tires, (1) M/S and (5) reg. tread. Lanc. Co. 717-284-3105

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250SX Honda 3 wheeler, forward & reverse, like new, 2nd tank of gas, $1,295 Best Offer Lanc 717-898-8758

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Bale wagon, Hoover 16', $750; Miller offset disc, 8' transport, $475., Non transport offset disc, 8', $250 York Co 717-292-6361

1700 Mustang skid loader, diesel, working condition, $3,500.; JD #34 manure spreader, 150 bu., ready to go, $700. Lanc. Co. 215-445-6345

30 h.p Oliver diesel crawler loader, model OC46 w/reverser, bucket, fork w/set of counter wts. Lanc. Co. 215-445-4090

Kuhn tedder 13' pull type; Kuhn hay rake. Burlington Co., NJ. 609-859-8549

300 brown layers, 15 month old, $2.00 each, Sex Sal, floor raised. John K. Fisher, Hollander Rd., Gordonville, Pa. 17529. Near Intercourse.

Tan Majestic & Green Kalamazoo cookstoves, both w/resevoirs, excellent condition, $395. each. Pet Lambs For Sale. Lebanon Co. 717-949-2195

AKC Reg. German Shepherd puppies. No Sunday Calls Mifflin Co 717-483-6768

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Enterprize/coal heater bucket-a-day type, $150. Also AKC Cocker Spaniel pups, males $125, females $135. Lanc. Co. 215-445-6880

Rat Terrier puppies, 8 wk. old, mother good mouser, nice marking of black & white. Lanc. Co. 215-445-6423. p.m. Shirk.

1981 Chevy K10 Scottsdale pickup, 305, 4 spd., cap, new winter tires, 4WD, excellent condition, $7,900. Cumb. Co. 717-486-7819.

Pheasants: Amherst, Silvers, Golden, and Melanistic Mutants. Peacocks, Mandarin ducks, Pilgram geese, grey calls. Also pigeon nesting boxes. York Co. 717-755-1745

74 Chev. TK 50 series, 12' flat dump bed w/sides, low mileage. Juniata Co. 717-436-2480. Morning or Evenings.

Hay, $80/ton, orchard grass. Dauphin Co. 717-533-7051

Tobacco barns, 36'x100' remove, 81 Int. truck 50k, ex cond, '76 GMC truck 50k, good cond., Oliver 4-bt plow, Int H, NFE Leb Co 717-949-2107

Belt pulley complete for Farmall Cub, $50; Bean Special Cub, 3 h p, Cushman motor works, restored, $200 Fred Co 301-447-6269

1980 Chev Corvette, loaded w/all options, only 18,500 miles, never tan in winter, super clean, $12,000 Elk Co. 814-787-8911

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Yorkshire Boar, $175.; Landrace Boar, $175. Ready for service. Blade for Simplicity garden tractor, $40. Lehigh Co. 215-767-7140

30 RI Reos, 12 weeks old, $2.00 each. Honey Brook, Chester Co. 215-273-2642

JD 70 gas, 3 pt. hitch, PS, live HD loader, 8' disc, both in excellent condition, $3,000. Monroe Co. 717-992-2963

Mixed hay, 1st cutting, $1.65/bale, $95/ton, 3rd cutting $2.25/bale, $105/ton. Lebanon Co 717-838-4610 Evenings

2 yr old Suffolk Ram, good breeding, needs big flock, has lambs on ground. Lanc Co. 215-267-3103 Eves.

MD 10' spring tooth harrow, rope set, field ready, $150.; 12x38 rear tractor rim, $25 York Co 717-235-2032

NH 66 baler w/Wisconsin engine, good working condition, $200 Berks 215-683-5688

'76 Ford F150 3 spd, 300-6, looks and runs good, some rust, no inspection, $800. Cecil Co., MD 301-658-5712

3 original Union Army checks paid to soldiers, May 1865 Discharge paper dated Sept. 1866, $15. each. 716-554-6479

Bay City 45 backhoe 3-71, $2,500.; Cat 955, $7,500; 15 ton equipment trailer for 5th wheel single axle tractor, $1,500. Red Rose Farm, RD1, Box 110, Pawling, NY 12564.

5 puppies, Shih-Tzu and Eskimo Spitz, 6 wks old, $20. each Franklin Co 717-532-2700 after 4

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(2) Holstein heifers, just fresh, (2) heifers and 1 cow due to freshen anytime. Near Jonestown, Leb. Co 717-865-5930

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5 Sizes: 3/8"x3", ½"x3", ½"x4", ¾"x4", 5/8"x6"

Rubber Edges Available For Scraper Blades

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- 2x4
- 2x6
- 2x8 T&G
- 4x4
- 5x5
- 7/8"x1½"
- 7/8"x3"
- U-Channel
- Pipe
- Accessories, Etc.

P.V.C. WHITE RAIL FENCE

3-Rail Fence w/Gates "Never Need Paint"

P.S. Polyvinyl will not rot, splinter, chip, etc.

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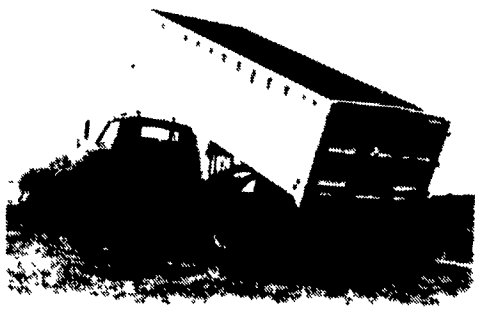
Box 2312, Rd 4, Lebanon, PA 17042

717-867-5222

ALUMINUM GRAIN BODIES & ALUMINUM REPAIRS



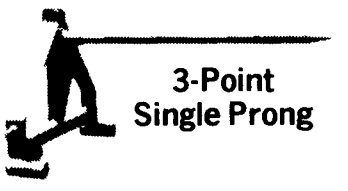
These ultra-light bodies are designed for strength through engineering not strength with bulk For example a 16' grain body with tailgate and 48" sides weighs only 1490 lbs complete We'll build you any length or any side height up to 60"

Also available

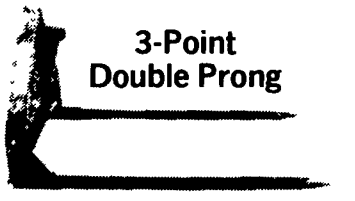
- ★ Double swinging hay hauling tailgate
- ★ Barn door type tailgate
- ★ Slide out cattle chutes
- ★ Diamond Flooring
- ★ Pull out panel tailgates
- ★ Any size grain chute

PAUL B. Zimmerman INC.

ROUND BALE MOVERS

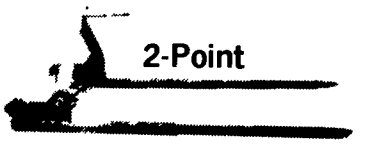


3-Point Single Prong



3-Point Double Prong

The Same Unit Can Be Used With One Prong For Center Of Bale Or Two Prongs For Under Bale.

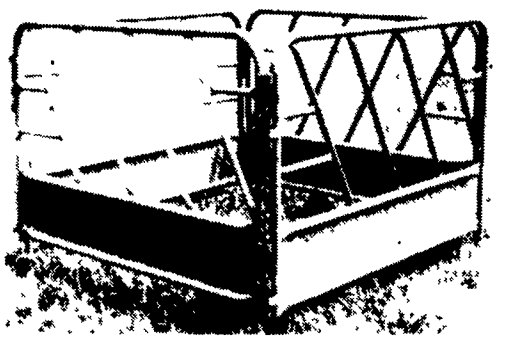


2-Point

Front End Loader Forks

- Can be mounted on loader bucket in minutes
- No special attachment needed

HEAVY DUTY HAY BALE FEEDER



- Feed Big Round & Reg Bales or Stacks
- 19 OD Tubing & 1 Sch 40 Pipe All Welded construction

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Call or Write For Additional Information And Your Nearest Dealer

295 Woodcorner Rd. Lititz, PA 17543 1 Mile West of Ephrata Phone 717-738-1121

MAILBOX MARKET FOR SALE

Gandy applicator w/blower, like new Was used on round baler; 1972 Ford 250 pickup, auto., inspected. Lanc Co 717-529-2382.

New Zealand bunnies will be 6 weeks old and ready to go by Feb. 14, $10 each Millersville Area, 717-872-2327

Utility box off pickup truck, $100. Some rust but very repairable; 17 cu. ft self defrost ref., $275 717-933-4794.

Reg border collie pups, 3 mos old, shots, wormed. Huntingdon Co. 814-667-3670.

Polled Hereford bull sired by Butler, mother by Stick. Adj 365 wgt. 1,084 lbs., frame 6+. Fulton Co. 717-987-3395 eves. and Saturdays.

Schultz manure spreader model 30, 110 bu., $1,075; EZ trail 627 bale wagon, 16', $1,075; Ritchie electric waterer, model 50, $120. Montg. Co. 215-495-6662.

Bred Scotch Highland cows; also Holstein heifers. All due March. Jersey family cow and male buffalo calf and pigs. Schuylkill, 717-889-3675.

19 HP diesel tractor w/loader; 3 ph. hitch plow, cultivator, marker; tandem axle trailer, 14'. 717-442-4279 eves.

1970 R model Mack tractor, 6 wheels, fair cond., $3,500. Bucks, 215-357-5996 after 6pm.

Semen tank MVE Mach SM-43. Perry Co. 717-789-3978

Semen-3 straws Glendell Arlinda Chief, $110. each. York Co. 717-432-3303

120 portable FarmMaster TMR nearly new; IH 1150 grinder mixer. Can sell mill separate; 8 Martin Smidley hog feeders, different sizes. 717-386-5696.

Stormfront carriage in good cond., $1,250 plus tax Country Lane Coach Shop, Rt. 1, Box 192-A2, Paradise, PA 17562

IH Cultivator, 4 row, new sweeps, good condition, $850. Lanc. Co 717-548-3474.

216 acre Solanco farm, two 20x70 silos, feedlot mach. shed, large barn, exc. house. Lanc. Co 717-529-2826 eves.

At auction 7/3/87 200A stock grain farm, exc. land, large old home, bank barn on river. Augusta Co. For more info. 703-363-5579 or 703-363-5505.

24 ton square feed bin w/16'6" auger, make offer. Daniel Beiler, 78 S. Maple Ave., Leola, PA 17540. Lanc. Co.

New Vermeer 605-J auto-weave, $13,500; new Vicon 9 wheel rake, $2,700; new 9 shank runauator, $450. Franklin Co. 717-597-3364 or 717-597-4296.

Model 56 NH hay rake, good cond.; bale chopper for cow barn, 7 HP motor. Somerset Co., NJ 201-234-1660.

Office trailer, electric heat, 3 pt. weed sprayer, JD belt drive power unit; Oliver 3x14 pull plow, chain saw. Berks Co. 215-683-5269.

Winchester 1917 Enfield .30-06 1-4x, B&L, $250; Remington 700 BDL deluxe .223 Varmint 3-9x Weaver, $425. Cumberland Co. 717-249-4437.

1978 ½ ton 4x4 Chevy, Scottsdale 400 eng., auto. trans., white wagon wheels, 10:00x15 tires, 2 new, best offer. Franklin, 717-328-3970 eves.

Ford 771 loader, fits 2,000-3,000, $350. Wanted: Rifles, shotguns and combination rifle and shotguns York Co 717-993-2288.

Iron age 2 row potato planter, good cond, $450 Lycoming Co 717-547-6202 eves.

Case 1740 uniloader, as is. Engine OK Other parts need mechanic enthusiast, $1,500. Cumberland Co 717-258-6247.

GMC ton stake dump, $1,200; 1972 Ford pickup, $295; old scout, $425. Swap anything. Glenmore, Chester Co. 215-383-4220 or 215-942-3661.

JD 216 forage wagon w/3 beaters, roof and 12 ton tandem axle gear. S. Lanc. Co. 717-548-3466 after 5pm.

Tractor chains, 12x28", $75; 40 gal. Ruud LP water heater, $50. York Co. 717-244-3146.

Clean bushel baskets w/lids, large quantities. Balto. Co., MD 301-256-5339.

Farmall H w/loader, new tires, $1,100; Toledo 20" Bam meat saw, $795; milk cans, $20 each. Washington Co., MD 301-842-3242.

IH 16 disc drill w/fert., good condition, $500.; 8'x9' truck bed. Carroll Co. 301-756-2087

Two wheel trailer w/PU truck bed and canapy. Best Offer. 717-626-2330. Lanc. Co.

Combination coal and electric kitchen stove with hot water jacket, good working condition, with tank, stand. Schuylkill Co 717-889-3947

Six passenger horse vehicle; 4 passenger pony vehicle, 4 wheeled, oven 1865 in good condition. Chester Co. 215-495-5595.

1500 gal Surge tank, two three horse power compressor, 60 cow 2" SS pipeline. Berks Co 215-926-5869.

Feeder pigs: Landrace and York cross, MF Super 90 and MH 30 rebuilt motor. Bradford Co. 717-596-3411.

NH 368 right unload tank spreader, 1,000 RPM, running cond., $895; 1970 Ford pickup truck, good cond., very little rust, $525. Cumb. Co. 717-776-7888.

50T good quality orchard timothy hay, no rain, $110; 20T wheat straw, $100T; 60T ear corn, $70T. Delivery available. 717-345-4489.

1976 Ford 2T 12' rack body, 6 cyl., 4SP, new tires, good, $2,500. Wayne Co., PA. 717-253-4106.

Two pony carts, $100 and $60; one set of harness used twice, $65; one old set $20. Lebanon. 717-273-3823.

Roots automatic honey extractor #17. Lanc. Co. 717-529-6345 eves. between 4:30 and 9 call 529-6649.

One acre lot in Potter Co. bordering a township road near Germania. $3,200. 717-463-2995 Juniata Co.

Patz barn cleaner; NH corn sheller; Blacksmith forge with blower; forklift; Int. 706, $2,100. Berks Co. 215-777-0052 or 775-0508.

Kubota 7100 4WD w/chains, snow blower, mower deck, cultivator, $4,500; Myers 7' snowblade w/loader mounts, $350. Adams Co 717-677-6536.

NI 14A manure spreader, $600; Rem. old model 760 rifles, 244, 257, 34 Rem, 300 gau. & 30-06 cal, $300 & up ea. Cumb. Co 717-243-2209.

Cyclone seed sower: Grind stone with motor, $325, gal. fuel tank ⅔ full. York Co. 717-235-1985

¾HP 24" barn fan, excellent, Kiln-dried sawdust & shavings, $2.10 a bag picked up. Delivery Available. Lanc 215-445-6019.

Used closed front carriage, good condition. Lanc. Co. 717-768-8614. D.S. Stoltzfus, RR2, Box 266, Narvon, PA 17555.

Used Sputnick and Westfalia bucket milkers. 717-354-4346.

JD 4000 dsl. cab, dual hydraulics, side console, WF, $5,850. Tioga Co. 717-724-3055.

NH 273 baler with thrower; NI 5 wheel rake; 18' thrower wagon. All good condition. Reasonably priced. Lanc. Co. After 6PM, 717-653-4194.

'67 Chev. Nova hatchback, good shape. $400. 717-284-2266. James Myers, RD1, Box 48, Pequea, PA 17565.

10 month old AQHA colt, blue roan, good size, confirmation and disposition; 1973 Chrysler, runs well. Berks Co. 717-933-8063.

Rebuilt GM dsl. engine for NI 705 Uni, complete, starter and all, $3,800; NI 763, 3RN corn head, $700. Berks Co. 717-933-5173.

1951 Chev. PU, 6 cyl., 3SP, needs some work, extra parts, $500 or Best Offer. 717-872-0974.

Century 3 pt. 125 gal. field sprayer with 20' boom, good condition; JD 1240 plateless corn planter with monitor, markers, dry fert. & insect. Ephrata area 717-733-8128.

Ear corn, $60/ton at farm. Delivery avail. Bucks Co 215-536-3047.

NH 268 baler, good condition. At Bart Twp. Fire Co. Sale Sat., March 7, 1987, 10:30 a.m. Lanc. Co. 717-786-3300.

Two yr. old large purebred Suffolk ram. Cumb. Co. 717-776-3624.

GMC 10 wheel grain truck, 18' Omaha body & hoist, holds 600 bu., new 427 with 5,000 mis., 10SP RR trans. Extra sharp. Salem Co, NJ. 609-691-7863.

HOME MADE BUTTER Made with sweet and with sour cream. Franklin Co. area. No Sunday calls. 717-762-9514.

Mounted Int. 450, 4B 16" AR plow; Oliver 16' wing-type disk 14.9x38 axle mounted duals, Triumph PTO high capacity corn sheller. Cambria Co. 814-674-3719.

Barley, oats, $2/bu. Cumberland Co. 717-243-1018.

Eight lug steel wheels for manure spreader. Samuel S. King, 201 Widdowson Rd., Oxford, PA 19363.

1979 F-600, 20' stake with or without portable full box, 24,000 gross, 5-2SP, 60,000 original miles, good condition. Elk Co. 814-834-4960.

Twin disk clutch with pulley fits #4 SAE housing. Chester Co. J.L. Fisher, RR3, Box 32, Honey Brook, PA 19344.

JD 630 w/3 pt. Farmall Super H, live hydraulic. Both in good shape. Cumb. Co. 717-258-6414.

Pickup bed, 8' from 1985 Ford w/tailgate, step bumper, dual fuel tank outlets, good condition. Lebanon Co. 717-949-3734.

Pedigreed French lop bunnies, excellent pets, $30; also REX does, $15. Lebanon Co 717-865-2589.

Good oats and timothy hay Lycoming Co 717-745-3385.

New Gandy insecticide boxes, $100; used ones, $50. Gedeon F. Stoltzfus, 561 White Horse Rd, Gap, PA 17527. Lanc. Co

1975 GMC pickup, 6 cyl. 4SP, body rusted. Best Offer 1975 Fiat 128 Spirit coupe. Best Offer Chester Co 717-529-2125.

Great Dane pups, two fawn females, two brendle males, $400 ea Adams Co. 717-334-6993

Three Angus bulls, approx. 700 lbs. ea. Lebanon Co. After 5PM, 717-865-2705.

NH 404 crimper, like new, $175; W.C. Allis Chalmers tractor, $375. Menno Stoltzfus, Box 206, RD1, Loganton, PA 17747. Clinton Co.

51A farm, 40A tillable, 2 miles north of Martindale. For info. 215-445-4893. Reuben G. Brubaker, R3, Ephrata, PA 17522.

10,000 square bales, nice mixed hay, average 50# bales, $1.50 each cash. Easy loading. Steuben Co., NY, 607-962-1403 eves.

Fishing tackle catalogs, letters, billheads, etc. Send SASE and $2.00 for list and samples. Box 353, Monkton, MD 21111 301-343-1329.

Dairy farm, 200+, 165t, 48 stanchions, 9 room house, Million Dollar View, strictly dairy area, $160,000. Mohawk Valley 518-993-3505.

Electric motor, 3 phase, 25 HP, 1200 RPM, 220/440 volt w/magnetic starter. Cecil Co., MD 301-398-9043.

Two Belgium mares, well trained to work; 2 filly colts, 1 stud colt. 717-629-0403 after 6pm.

2,000 Ford tractor, 2,200 hours, new tires on rear, $3,500. Monroe Co. 717-992-4798.

1972 LTD Ford Brougham 4dr, inspected, air, $750; 1979 Merc Monarch, inspected, air, new tires, starter/carb, $1,000. Montg. 215-489-6868.

Centaur tractor w/plow, hit and miss engines, Weaver pump organ in beautiful piano case. Northampton Co. 215-759-7190.

1980 JD snowmobile, Trailfire, 440, 700 miles, like new, hand warmers, high back and windshield, cover, $2,000. Burl. Co. 609-894-2855.

Two blond mares, 17h, 5 and 6 yr. old, good workers. Use anywhere. Alvin M. Hoover, R3, Box 608, Ephrata, PA 17522.

2 yr. old Belgian mare, or trade for different bloodline. Lanc. Co. 717-299-4944.

25T orchard timothy, $110; 12T third alfalfa, $120, good quality, no rain; 10T wheat straw, $100 Can deliver. Sch. Co 717-345-4489

Bred Hereford heifer due May 1 Best Offer. Also 2B JD trailer plow Lebanon Co. 717-838-4403.

JD MT, $1,000; Case VAH hi clearance w/F Eagle hitch cults., 9 5x36 tires $1,200. 215-598-7546 Bucks Co

Early 1900s fair and show poultry ribbons. Lanc., Berks, Lebanon, York Counties. Hooked rug U.S.A. map. Lanc. Co. 215-484-2325.

Woodworking machinery, Woods 4 side molder, flat belt drive; jig saw, 38" capacity; swing saws. Washington Co., MD. 301-432-84119 eves.

Ranges and room heaters, burns wood or coal. Wm. S. Martin, RR1, Box 387, New Holland, PA 17557

Lockwood potato harvester, nice condition, $4,500. 717-367-7260. Lanc. Co.

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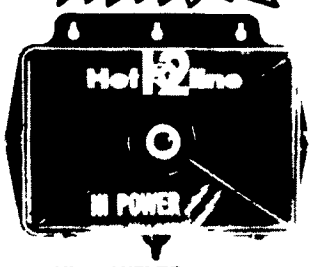

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- OVER VOLTAGE INPUT PROTECTION
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ALFALFA MANAGEMENT

*THURSDAY, FEBRUARY 19th - 1:30 P.M.
At The Leola Family Restaurant

Speakers: John Yocum - Penn State Extension,
Landisville Farm Mgr.
Master Farmer Fertilizer Staff

* Meeting will qualify for PA pesticide update points

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MAILBOX MARKET FOR SALE

Maytag wringer washers w/choice motor. Selection new & used push reel mowers. Sam Stoltzfus, Stumptown Rd., Bird-in-Hand, PA. 17505. 717-656-7742 Mondays 7:30-8AM.

Fickes Silo, 26x70, concrete unloader, completely rebuilt, never used, electric wench. 609-235-3810.

Allis Chalmers C.A. with cultivators, good condition. Daytime 609-561-2964, after 7PM, 609-561-0514. Atlantic Co., NJ.

17 jewel Waltham & 7 jewel Elgin pocket watch, good condition. Lloyd H. Martin, RD1, Box 782, New Holland, PA 17557. Near Red Run campground.

Bearcat grinder mixer, excellent condition. Lycoming Co. 717-435-3186.

Nine reg. well grown springing heifers, vac. certified accredited, AI sired. Tony Wiseman, Ace, Stewart. Dauphin Co. 717-362-8747.

NH 675 spreader, 275 bu. 717-354-7922.

4,000 gal. water tank, good condition. Fir lumber 6"x6" and 6"x8" from 9' to 30' long, etc. Lanc. Co. H.Z. Fisher, 66 Lower Valley Rd., Christiana, PA 17509.

Truck camper sleeps 4, refrigerator, stove, heater, toilet, sink, closet, everything works, excellent condition. Berks Co. 215-670-1260.

Clover seed, very clean, $55/bu. Berks 215-683-3969 or Lanc. 717-733-0676.

5,000 bu. bin with stirall, drying floor, disassembled and ready to move, extra rings. $2,950. Washington Co. 301-432-4293.

Surge 4 stall Herringbone, 375 gal. tank, compressor, vac. pump, 3 sinks, electrobeam auto washer. All lines. Bedford Co. 814-847-2848.

98-B Patz silo unloader, excellent condition. Warren Co., NJ. 201-475-4364.

Top Quality Hay, Straw, Oats, Steer hay 140 per ton and up, mulch hay Call before 7 AM or after 7 PM. 201-735-8389 or 201-735-8865.

Purebred Yorkshire boars, bred gilts and open gilts, carcass championship bloodlines. Willow Glenn Farms, RD2, Strasburg, Pa. 717-787-2562.

Specializing in pleasure Tennessee walkers. Always a good selection of trail & show horses. Yearlings, broodmares. Stud Service. Lester Weber Stables. 215-267-7311.

Peafowl, 6 cocks, 1978 hatch, $50 each. Also, 1979 chicks, $10 and up. Westminster, MD. 301-876-1235.

Reg. Angus bulls and heifers. Orange Gate Angus Farm, Maurertown, Va. 22644. 703-459-3414.

Used Bee Equipment. Inverbrook Apiaries, RD2, Box 230, West Grove, Pa. 19390. 215-869-3353.

MINI LOP RABBITS with papers, $25. Very loveable pets. NZW Rabbits with papers, $10. Cecil Co., Md., 301-885-2134.

Outside calf hutches, $75 each. David B. Stoltzfus, RD2, Box 282B, Nottingham, PA. Take Brown Rd. at Little Britian, second road right.

Rock Oak, 1" to 1¼". Also, Cherry and Poplar. After 5 p.m., 717-776-3239.

12 yr. QH, Bay trail horse. 12 yr. ½ Arab, sharp, endurance, competitive trail horse. Have shots, new shoes. 717-432-8282.

1925 Model T Ford, made into PU, cute. Motor, frame, body, tires, good. Good advert. piece. Must sell. Montg. Co. 215-933-2469

BOOKS make great Christmas Gifts. Huge collections available w/fine items under $20. Call Ron. York. 717-235-2134

704 NI Uni System with all equipment, Surge milking parlor, 2, 4000 gal. milk tanks. 302-734-4504.

7,000 Ford, dsl., turbo, cab, 1640 hrs., 16 9x38 good rubber, load monitor, $7,500 OBO. Lanc. Co. 215-267-3964.

300, 514 cylinder Ford, complete, ready to set in, 500 mis. since professional rebuilt, $700 will deliver halfway. Cambria Co. 814-674-8119.

Must Sell! 1981 Ford Mustang 4SP, many new parts. Asking $1,700 Best Offer. Takes it. 717-687-6179. Strasburg/Lanc.

19 acres farm, large house, barn, machine shed, fenced pasture, stream, 2 wells, partially wooded, $140. Also honey $9/gal. Chester Co. near Nottingham, PA. 717-932-2039.

Case 930 standard 6SP on steel, dsl., 90HP, good cond. Jeff. Co. 814-371-6044.

Organic raised hay by bale or ton, beef by quarter or half. Adams Co. 717-677-8981.

New log rollers. Order yours now! 4% discount or free Toy roller if ordered before Mar. 1st. I.S. Miller, 1718 Valley Rd., Christiana, PA 17509.

JD 4000 NF, needs engine, $1,900 or engine block wanted for same. Lanc. Co. 215-445-6156.

Holstein heifer just fresh; also cows due soon. John B. Zook, Peter Rd., Kinzer, PA 17535. Lanc. Co.

Brown & sharp surface grinder, $1,500. Bridgeport milling mach., $1,500. J. Homko, P.O. Box 101, Oxford, NJ 07863.

AKC reg. wire hair fox and cairn terriers. Hunt. Co. 201-996-6302 New Jersey 201-996-2440.

'73 Datsun pickup, oak wooden bed, fog lights, good tires, taken care of and runs great. Asking $550 OBO. Lebanon. 717-949-2306.

15'x16' carpet, stainless sink, with white porcelain base, exc. condition. Lanc. Co. 717-653-1249.

Pair tractor chains, fits 13-38, 15-38 and 16-38; 1976 Malibu Classic, high mileage, good cond. Make Offer. Lebanon Co. 717-865-2022.

Guernsey first calf heifer due Feb. Also brown vinyl sofa bed, very good shape. 717-354-8207.

1973 White Road boss truck tractor, 250 Cummins, 10SP trans., runs, tandem axle, $1,950. Cecil Co., MD 301-281-5277.

Killbros gravity box, 12' hyd. auger, on 10T gear, used little, perfect for fertilizer, feed, grain, $1,450. New Castle Co. 302-378-9477.

Massey Harris Pony tractor with attachments and manuals, $1,800; masonary wet wheel table saw, $1,500. Burlington Co., NJ. 609-386-0647.

JD 42 combine, large round hay bales, parts JD 45 combine with oats head, White 5200, 4R corn planter. Westmoreland. 412-238-4265.

80' steel 23" curb forms, $450; 2500 lb. platform scale, $800; 8' aluminum brake, $500; 100HP 3 phase motor, $800. Northumberland Co. 717-286-5306.

Iron Age 1R potato planter, $50; also 1,000 lb. platform scale, $50. 201-359-5934 eves.

4 Punken pine beams 12"x15½"x28' long. Some shorter. Hunterdon, NJ. 201-356-4138.

Pallet forks for 1537 and 1740 Model Case skid loaders. Could be fit to other models. Half price, $350. Chester Co. 215-269-3442.

HAY: 1st and 2nd cutting, round and square bales. Various prices. For more info. 717-663-2575. Susquehanna Co.

SP75 Valk snow plow, power angle Chevy hitch, all brackets, H500 electric hyd. pump, $950. Lanc. Co. 717-653-1109.

MAILBOX MARKET WANTED

One horse grain drill, any condition. Chester Co. 215-869-2791.

Good used 12' concrete stave silo. Union Co. Weaver Zimmerman, R1, Mifflinburg, PA 17844.

42" or larger sickle bar and 48" hay rake for Model LI Gravely tractor. Gloucester Co., NJ. 609-423-1141.

MAILBOX MARKET WANTED

McCormick or Oliver 2 way sulky plow. Must be in good condition. Daniel M Hoover, RD1, Box 348, Denver, PA 17517

Original grill 1948 8N in good or repairable condition. Willing to trade new replica grill or purchase. Montgomery. 215-646-7760.

Old pine flooring to be used in renovating old farm house. Hunterdon Co., NJ. 201-735-7273.

Oliver Radyes Category I, 3 pt. hitch, 1 bottom, 12" plow. Lanc. 717-354-8029 or Write Box 2216, East Earl, PA 17519.

Remote hydraulic unit to fit Farmall M. Must be complete. Burl. Co. After 5PM, 609-859-2298.

Old or used fishing tackle, boxes, lures, reels, rods, pocket knives, fishing, hunting licenses. Dauphin Co. 717-652-9065.

For decoration old long handled yard pump with small trough. Dr. Gilbert Hoppenstedt, RD4, Kingston, NY 12401. 914-331-1050.

Lancaster Farming

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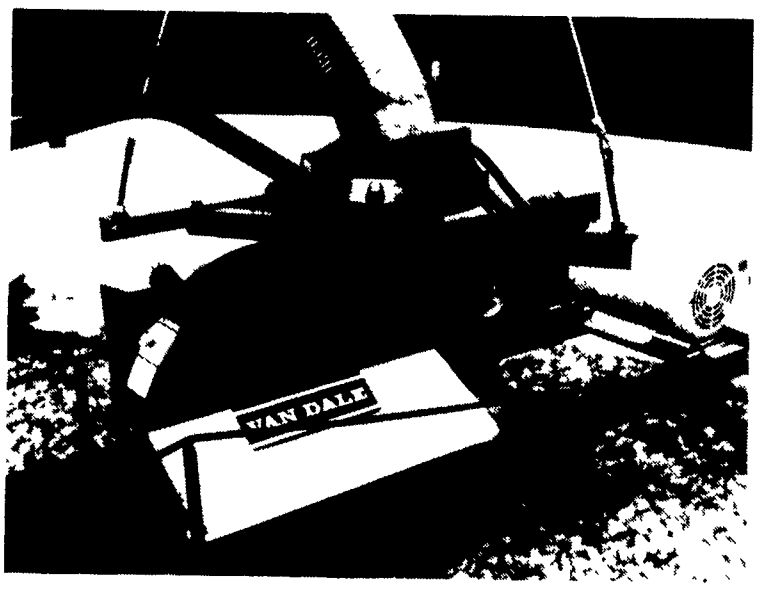

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Clean milk cans and milk can cooler. 717-653-8247.

Hesston used 5530 round baler Cash buyer for right price Susq. Co. After 9PM, 717-278-2535.

Mennonite carriage, two seated, good condition. Also pony harness. 717-354-9357 or 354-5691.

Tillable acreage to rent in or near Myerstown area. Lebanon Co 717-866-4107

Landscaping attachment for tractor, 3PTH, preferably Gill or similar Model 72". Lanc Co. 717-627-2864.

Experienced assistant farm manager seeking position on swine or beef operation available immediately. Centre Co. 814-355-0312.

GM 6.2 dsl. engine with or without turbo 400 trans., low miles. Monmouth Co., NJ. 609-259-7492.

Top beater 679 NH spreader. 717-354-7922.

Case 400 gas motor head. 215-598-7546. Bucks Co.

Old mason jars, crocks, kitchenware, farm tools, fire extinguishers, ligtning rods, lanterns, etc. Henry Cross, Highway 79, Morganville, NJ. 07751.

Elec. motor, 5 h.p., 1750 RPM, single phase; 350 Chev. or GMC truck engine. 717-442-8822 Eves.

Steam traction engine, in running condition, for tractor collector in New Hampshire. Call or write: G. Carr, RD1, Box 547A, Northwood, NH. 03261 603-942-7773 Collect.

Australian Kelpie stock dog, any age from working background. New Castle Co. 302-836-1732 or 834-0802.

I want to buy old fabrics--woll, cotton, also old quilt patches. Box 21, Lititz, PA 17543. Lanc. Co. 717-626-7854.

Young farmer needs 30 holsteins to establish a herd April 1. Huntingdon Co. 814-669-4672 or 669-4672.

Old Toy Trains, any condition. Warren, NJ. After 7PM, 201-475-5901.

Chianina Bull Calves, unpolled, up to 9 months old. Gary Gaylord, Rt.1, Box 37A, Rensselaer Falls, NY. 13680.

1 acre residential building lot in Southeastern Berks Co. 215-327-1863

6.3 Chev. dsl. motor. Snyder Co. 717-658-7168

Local oats and orchard mixed hay for horses. Lanc. Co. 717-664-2187

Used truck transmission, any kind. Also go cart Lanc. Co. 717-626-8912

Steel wheels for skid loader. Franklin Co. 717-532-3278

I need an old 977 Caterpillar for parts or a pump. Bucks Co. 215-536-3906 Eves. 215-536-4850 Days. Ask For Bob.

18 can SS milk cooler. Also good milk cans. Abie S. Renno, RD2, Box 304, Mifflintown, Pa. 17059.

Open buggy, in good condition. Isaac Z. King, Box 142, Rebersburg, Pa. 16872.

Used church benches, at least 14½' long. 301-475-5171. No Sunday Calls.

AC 600 no-till corn planter, 4 or 2 row. Hunterdon Co., NJ, 201-735-8497.

Three point snow blower. Would prefer 8'or 9' double auger. Lanc. Co. 717-768-8586.

Bathtub 4½' and 26" or smaller. Smaller than the standard size. Lanc. Co 717-687-6906.

270 cal. rifle w/4x12 scope. Must be in good shape. Lanc. Co. 717-354-9939.

Chipper or chipper shredder, 3" chipping capacity. Berks Co. 215-562-3523.

8"x10' extension auger for NH grinder mixer. Carroll Co. 301-756-2087

Chains for 16.9x24, 13.6x28, tires 10x28, 4 ply, 16.9x24, 8 ply. Chester Co. 215-363-7355

Consignment items for Schuylkill Co. Fair Auction, Sat., March 14, 9 a.m. Rt. 61 Schuylkill Haven. Call Kutz Farm Equipment. 717-345-4882

3 pt., 6' disk for JD 40, good shape. York Co. 717-456-5858

Used stave silo, in good condition. Lanc. Co. 717-859-3228

AC D10 or D12, good condition. Also 3 pth snow blower. Sch. Co. 717-467-2609 after 6 p.m.

Full time work for semi truck w/40' flat trailer, will haul anywhere. Bedford Co. 814-623-5477

Old farm tractor and construction equip. sales literature; old equipment dealers' signs. Bruce Kibort, RD2, Box 79, Elmer, NJ 08318. 609-358-7468.

Livestock scale. John M. Heberling, Jefferson Co., 814-371-2289

K5 Int. and D30 Int. . Fortson tractor w/tool box, fenders. 717-369-2216.

PTO assembly for Massey Harris Pony or Pacer MH Model 16. Dauphin Co. 717-599-5068.

Used shallow well jet pump with pressure tank. Lanc. Co. 717-656-9594.

Loading auger for 1150 IH grinder mixer or whole mixer for parts, auger must be in working condition. Lanc. Co. 215-445-5182.

Onan 2 cylinder gas engine equipped with battery starter, any condition. Berks Co. 215-987-6758.

Farmall A or SA for parts or use. Northumberland Co. Ask for Jake, 717-524-2473.

Tree Planter. Columbia Co. 717-458-4955.

Int. H or M, WF tractor in good condition; 110 or 115, 7' side mount mower. Mon. Co. 201-741-8109.

Salvaging old loghouses, large barns, farmhouses; from theatres, funeral homes, etc.; processing decorative architectural elements. Longanecker. 7-9PM, 717-334-0249.

New or used storm front market wagon, and/or spring wagon, state price and condition. All replies answered. T. Holliday, Rt. 4, Box 244, Waynesboro, TN 38485.

Old used pine lumber from barn, house, etc. Must be in good condition. No white paint. Lanc. Co., 215-445-6231.

Attic Flooring and Log Houses 717-626-4520

Walk in cooler or refrigerated truck body. Also looking for breeding age heifers. John L. Stoltzfus, Box 212-A, Atglen, Pa 19310.

MAILBOX MARKET NOTICE

House For Rent: Beginning March 1st. No electricity. Apply to Reuben K. Lantz, 405 Musser School Rd., Gordonville, Pa. 17529. Lanc. Co.

At Stud: American Saddlebred, Vanity's Kalarama Rex, Proven Sire, $500. Horses For Sale. Manor View Acres. 717-872-5321.

ATTENTION SPINNERS! Quality rambouillet fleeces available in March. Lanc. Co. 717-397-5005.

Chair caning done; pressed in and porch chairs. Half mile south Leamon Place, Rt 30. David E. Fisher, 96 Quarry Rd., Paradise, PA 17562.

For Rent: 50 acre farm, for cattle and hog fattening, silo and feeder. Mt. Joy Township, Pa. 717-626-5397

Will be at Elias Beilers Sale, Feb. 27th. Can bring special orders along. Will have some McCormick Deering parts there. Ben Kinsinger, RD1, Box 234A, Meyersdale, Pa. 15552.

Make It Milk! Support RCMA, use our stable, live in our house, large lawn & garden, silo too. Chester Co. 215-593-6390.

Lost 24" grinder mixer screen in New Holland area. 717-523-7331.

Horse collars repaired and sold. John S. Stoltzfus, Sr., Christiana, PA, Cooperville.

We adopt and/or buy exotic animals: Deer, Pygmy Goats, Elk, Buffalo, Leopards, Cougars, Peafowl, etc. Berks, 215-374-2114.

Sale Reports

A Public Sale of farm equipment, tools and building materials was held January 31 by Paul Reiff, Jr. and Aaron S. Groff & Son, between Ephrata and Farmersville off Peach Rd., Lanc. Co., Pa. There were 310 registered bidders at the sale.

Some prices included: Farmall tractor $675, 2 wagons $85 & $150, power saw $112.50, balloon-tire wagon $92.50, electric range $175, electric cattle waterer $170, high-pressure washer $950, backpack sprayer $80, Ryan lawnmower $140, 1964 A.P. diesel engine $700, sprayer $160, trailer $270, boat, trailer and outboard motor $300, 30 h.p. field sprayer $400, 7 solid steel farrowing crates $180 each, 7 floor grates $150 each and 8 hog pens $62.50 each.

The auctioneers were T. Glenn Horst and Timothy G. Horst.

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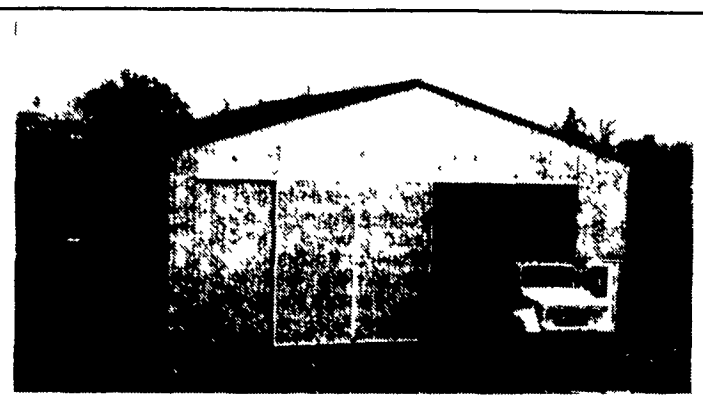

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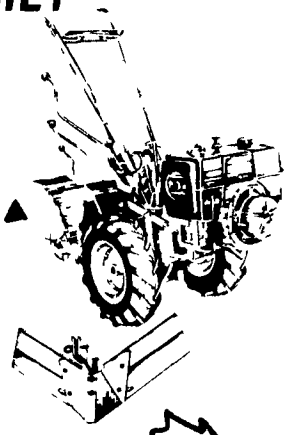

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- 1515 Chocolate Ave., Hershey, PA 17033 ..... (717) 533-4060
- 2274 New Holland Pk., Lancaster, PA 17601 ..... (717) 656-2710

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Sale Reports

Lonevale Holstein Dispersal was held January 29 by Amos S. and Lydia Smoker, 2 miles southeast of Intercourse on Osceola Mill Rd., Lanc. Co., Pa.

Some of the top prices of the 60 head of registered Holsteins were as follows: $1425, $1350, $1300, $1150 and $1025.

Other prices were: 2 pairs of mules $2700 & $1625, N.H. mower & N.I. crimper $2400, J.D. disc $1175, White Horse hydraulic 2-way plow $2575, J.D. 999 planter $1050, Surge milkers $52.50 each and Farmall H tractor on steel $600.

Steve Petersheim and Steve, Jr. were the auctioneers.

XXX

A Public Sale of saw mill equipment and tractors was held January 21 by Frederick C. and Ruth H. Arnold, 2 miles east of East Berlin, York Co., Pa.

Some prices included: Ford 8N tractor w/Shawnee loader $2800, Farmall BN w/Woodbelly mower, cultivator & homemade snow plow $1225, sawmill made in Hanover $1300, log cart $210, 9" belt $210, cut off saw $225, 52" saw blade $300, set #11-28 tractor tire chains $100 and set #10-24 tractor tire chains $75.

Melvin Haines and Ralph Brenneman were the auctioneers.

XXX

The Farmersville Auction was held January 27 in Farmersville, 3 miles east of Brownstown, Lanc. Co., Pa.

Some prices were: Winchester flashlight $40, wooden express wagon $100, cardboard Chicklet showcase $30, kerosene lamp base $52.50, jelly cupboard $320, camel-back trunk $55, oak chest of drawers $140, 2 Herringbone & Iris dishes $37, pink Kelloggs measuring cup $12, bisque Mickey & Minnie Mouse $42 and Hop-a-long Cassidy & Davy Crockett mugs $15 each.

Sale conducted by John J. Rutt with Lester Weaver, Auctioneer.

XXX

A Public Auction of modern dairy equipment was held January 28 for Ox View Farm, Inc., south of Cochranville on Pusey Mill Rd., Chester Co., Pa.

Some prices were: 2000 gal. Mueller tank $7400, 3000 gal. Mueller tank $4300, Surge complete parlor $2900, weigh jars $160 to $225, Boumatic takeoffs $175 to $250 each, 150/100 PT3JM Windpower generator $2850 and 80/40 Windpower generator $1500.

J. Omar Stoltzfus and Leon Kurtz were the auctioneers.

XXX

A Complete Dispersal of farm equipment was held by Ernest Shover Farm Equipment, 19 West South Street, Carlisle, Cumberland Co., Pa. There were 324 registered bidders present.

Some prices received were: White 6 row corn planter $5650, Oliver 88 tractor w/loader $1550, Oliver 70 tractor $1075, Massey 65 D tractor $2025, Little Giant elevator $1250, White 4-row corn planter $800, 702 Uni-system $2125 two /725 3 row narrow head for Unisystem $2000 & $1750, dynamoneter $185 and portable welder $500.

Sensenig Auctioneering Service conducted the sale.

XXX

A Hay & Straw Auction was held January 30 by Hee Haw Hill Farms at the Jim Plank hay storage building, 4 miles south of Littlestown, Pa. on Route 97 in Silver Run, Maryland.

Some prices were: top quality alfalfa hay $160 to $175 per ton, good alfalfa hay $145 to $157.50 per ton, 1st cutting alfalfa hay $124 to $130, straight timothy hay $125 to $131 per ton, timothy & alfalfa mixed hay $116 to $131 per ton, pallet of clover hay $130 per ton and straw $117.50 to $126 per ton.

The auctioneer was Robert C. Mullendore.

Public Auction Register

Closing Date Monday 5 00 P M of each week s publication

FEBRUARY

SAT. FEB. 7 - 5 Acre Farmette & Personal Property. 80 Tannery Rd. leading from Blainsport to Blue Lake West Cocalico Twp., Lanc. Co., PA. Take Blainsort Rd. at Rt. 897 Blainsport turn right on Tannery Rd. to sale. By: Elsie C. Gress. H.H. Leid Auct. Serv.

SAT. FEB. 7 - 9AM Tractors & Equipment Cons. Sale. From I-81 S. of Martinsburg, WV, take exit #5 (Inwood) WV, Rte 51 E approx. 3½ mis to Shutt's Cash Grocery (Formerly Haines') Turn right, .2 mile to sale OR from Charles Town, WV, take Rte 51 W, go approx 8½ mis to Shutt's Cash Grocery, turn left, 2 mile to farm on left. Mr. & Mrs J. Daniel Geisinger. Robert C. Mullendore, Auct.

SAT. FEB. 7 - 10AM 2nd Annual New & Used Tractors & Eq. Auction at Keller Bros. Tractor Co., Buffalo Springs, Lebanon Co., PA. Between Schaefferstown & Cornwall on Rt. 419 Harry Bachman, Auct.

SAT. FEB. 7 - 10AM 7 acre Farmette & Personal Property. Located Salisbury Township, 1½ mile North of White Horse, turn off of Rt. 340 on Cambridge Rd. to the corner of Seldomridge Rd. & Kauffroth Rd., Lanc. Co., Pa. Terms By: Mary A. Miller. Aucts: Robert E. & Jeffrey R. Martin & Frank L. Steller.

SAT. FEB. 7 - 10AM Consignment Auct. of New & Used Farm & Industrial Tractors & Machinery to be held in our yard on the corners of Rt. 38 & 38B, Newark Valley, NY. 19 mis. W. of Binghamton, NY Goodrich Auct. Serv. Inc.

SAT. FEB. 7 - 10AM Farm Eq. Wineland Eq., Inc., RD2, Martinsburg, PA. On Rt. 164, 2 mis. E. of Martinsburg, PA. 4 mis. from Altoona Airport. Blaine N. Rentzel, Auct.

SAT. FEB. 7 - 10AM Persian Oriental Rugs, Porcelain & Copper Lustre, Oil Paintings, Etchings, Furniture, etc. Located Spahr's Auction, 44 N. Bedford St., Carlisle, PA. Directly behind the old jail. Mildred A. Mayes Estate. Charles Spahr, Auct.

SAT. FEB. 7 - 11AM Trucks, Tractors, Combine, Farm Eq. Going from Clayton, DE, to Massey, MD, on Rt. 40 turn right onto Rt. 7 at the electric power station. Third farm on right. The Geo. Beck Farm. C.T. Scuse & Sons, Inc., Aucts. .

SAT. FEB. 7 - 11AM 45 Holstein Heifers, Titled Vehicles, Equipment, Produce. At the former Frank Lent Farm on Rt. 49 between Gold and Coudersport, Potter Co., PA. Mr. & Mrs. Rodney Hershey, Owners. Pirrung Aucts., Inc.

SAT. FEB. 7 - 9AM & WED. FEB. 11 - 3:30PM Absolute Auction of former inventory Billmyer's Jewelry Store. To be held at Brickerville Fire Hall, located just off Rt. 322, approx. 8 mis. west of Ephrata, Brickerville, Lancaster Co., PA. Terms by The Ephrata National Bank. T. Glenn Horst, Auct.

TUES. FEB. 10 - 10AM Stove Manufacturing Plant. 27 N. Washington St., Boyertown, rear of Schmoyers Home Center. By: Order of S.B.A. Hess & Moyer, Aucts

TUES. FEB 10 - 2PM 94 Acre M/L Dairy Farm. S. of Canton from Rt. 14 go W on Rt. 414 exactly 5 mis. to farm on right. Neil & Karen Fisher. Sanford G. Leaman, CAI Auct.

WED. FEB. 11 - 10AM Cla-Fan Holstein Dispersal, Barn Eq. Lanc. Co., PA, 1 mi. N. of Gap along 897 Clair & Fannie Bowman. Steve Petersheim & Steve Jr., Aucts.

THURS. FEB. 12 - 9:30AM 5 mis. W. of Lewisburg, just off Rt. 192 & 3 mis. N. of Vicksburg along Beaver Run Rd., Buffalo Twp., Union Co., PA. John M. & Anna N. Burkholder, Owners. Bryan D. Imes, Auct.

THURS. FEB. 12 - 10AM 13 Acre Farm. N. end of Bowmansville at junction of Rt. 625 and Lauchtown Rd., Brecknock Twp., Lanc. Co., PA. Terms by: Mahlon & Ada Horning. Elton Horning Farm Agency, Elton Horning, Auct.

THURS. & FRI. FEB. 12 & 13 - Noon Ea. Day Glassware, Jewelry, Paperamericana, Sterling & gold Pcs., etc. 1 1/10 mis N. of Manchester, PA along Rt 181, turn Right at White Rock Rentzel's Auct Service

FRI FEB 13 9AM Farm Eq New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. FEB. 13 - 11AM Carroll's Construction Eq. Auction, Cars, Trucks, Loaders, etc. Felton, DE. Carroll's Sales Co., Inc., Aucts.

SAT. FEB. 14 - Farm Eq. For DeSimone Bro., 47 Quaker Rd., Mickleton, NJ. Turn at School on Kings Hwy. Ralph D. Hughes, Auct.

SAT. FEB. 14 - 9AM Consignments Now Being Accepted. Suburban Contractors Assn., Essington, PA. Vilsmeier Auct. Co., Inc.

SAT. FEB. 14 - 9AM Exclusive Bar, Lounge & Restaurant Eq. removed from Strawberry Square in Harrisburg, PA. Sale located Antiques World Auction Room, Rt. 15, Mechanicsburg, RD, PA. Approx. 7 mis. from Harrisburg, PA. Claude C Wolfe & Assocs., Aucts.

SAT. FEB. 14 - 9:30AM Horses and Horse Drawn Machinery. Located in Mifflin Co. between Belleville and Milroy, PA, ½ mi. E. of Barrville along Back Mt. Rd. John B. Hostetler, Jr. and Ner Hostetler. Mark Glick, Auct.

SAT. FEB. 14 - 10AM Farm Machinery, Feed, Dairy Eq., HH. 802 Ashville Rd., Lanc. Co., Oxford, PA. From U.S. Rt. 1, take Nottingham Exit to Rt. 272 N. approx. 4 mis. to Pine Grove Rd. Take Pine Grove Rd. N. to Hart Rd.; left on Hart Rd. to 1st farm on right. Charles J. Wallace, Owner. Aberdeen Sales Co., Inc.

SAT. FEB. 14 - 10AM Furniture, Antiques from local estates. At Rudnick's Sales, Rt. 213, Galena, MD. Harry Rudnick & Sons, Inc.

SAT. FEB. 14 - 10:30AM Dairy Cows and Farm Eq. Located along Cocalico Rd. between Scheoneck and Cocalico, RD 2, Denver. Edwin W. and Mary Ann Zeiset, Owners. Paul Martin and John D. Stauffer, Aucts.

SAT. FEB. 14 - 10:30AM Farm Eq. 12 mis. NE of Fort Wayne, Indiana, on State Rd. 37 or 1¼ mis. NE of Harlan, Indiana, on State Rd. 37. Ralph Thimlar Estate. Schrader Real Estate & Auction Co., Inc.

SAT. FEB. 14 - 10:30AM Farm Machinery, Provender, Milk Eq., Tools. Lone Sycamore Farm (Formerly Dr. Hogg's). On edge of Oxford, PA, Boro. Off Rt. 1 bypass, take Rt. 472 Exit into Oxford. 1st farm on right. Between Boro & bypass. 28 mis. S. Lanc. & 20 mis. N. Elkton, MD. Whiteside Auct. Serv.

SAT. FEB. 14 - 11AM Trucks, Combines, Tractors, Grain Tanks. Curtis Steen, Jr., Piney Neck Rd., Dagsboro, DE. Pete Richardson Auct. Sales.

SAT. FEB. 14 - 11AM Farm Mach. Rt. 331 between Rhodesdale, MD, and Vienna, MD. Mr. & Mrs. Charles Bell, Owners. Walton P. Taylor, III, Auct.

SAT. FEB. 14 - 11AM 60 Head Holstein Dairy Cattle, 2 Tractors, Machinery, Silage. Near Union Bridge, MD, or 9 mis. E. of Frederick, MD, on Rt. 26 to Libertytown, N. on Rt. 75, 8 mis. to Union Bridge, MD, 3½ mis. on Rt. 75 N. to Rt. 84, N. to first farm on left. 1 mi. from New Windsor, MD, on Rt. 75 S. Truman & Thelma Thompson. Robert C. Mullendore, Auct.

SAT. FEB. 14 - 1PM Arnold's 46th Hog Sale. Duroc, Crossbred, Hampshire, Landrace, Yorkshire. Lebanon Fairgrounds, Lebanon, PA. Harry Bachman, Auct.

SAT. FEB. 14 - 1:30PM Property For Sale By Sealed Bids Only. Located approx. 5 mis. S. of Belleville or 3 mis. E. of Allensville, PA, on Front Mountain Rd., which was late Fern Bratton's residence. Mark S. Yoder, Owner. Daniel P. Zook, Auct.

SAT. & SUN. FEB. 14 & 15 - Antique Auction. Troxelville Auct. Gallery, Troxelville, PA. C.P. Jacobs, Jr. & Roy L. Martin, Aucts. Joe Herman, Sale Manager.

MON. FEB. 16 - Tractors, Field Eq., Combines, Industrial, Trucks. Hale's Farm Eq., 3099 Hart Rd., Lebanon, OH.

MON. FEB. 16 - 10AM Four Tractors, Hi Lift, Trucks, Car, Orchard Eq. Paradise Orchards taking PA Rt. 234, 1 mi. E. of East Berlin, PA, or 9 mis. W. of York, PA, on Rt. 234, turn N. onto Canal Rd. go ¼ mi. and turn onto Short Rd., first farm. Hostetter Paradise Orchards, Owners. C. David Redding, Auct.

MON. FEB. 16 - 10.30AM Complete Liquidation of the largest grower-packer of potatoes in New Jersey. J&B Potato and Grain Farms, Inc., Hightstown, Monmouth Co., New Jersey, Owners. Pirrung Aucts., Inc.

TUES. FEB. 17 - 9AM Holstein Cows, Heifers, Mules, Farm Machinery, HH. Located from Strasburg traffic light go S. on May Post Office Rd., 4 mis. turn E. on Springville Rd., approx 1 mi. to sale. For: Daniel F. & Hanna B. King. Kreider & Kline Auct. Service.

ANTIQUE AUCTION

SATURDAY, FEB. 14th

10:00 A.M.

Inspection on Friday evening February 13, 5-8 p.m.

Auction to be held in our Gallery located at 18 E. Main St., Annville, Pa.

FURNITURE

Vict. Mahg. sofa, Round oak china closet, 10 pc. inlaid dining room set, oak 5 roll top desk, 2 upholstered Vict. chairs, Mahg. ladies chair, painted corner cupboard w/mirror, Mahg. stands, oak wash stand, Vict. walnut wash stand, oak chest of drawers w/mirror, oak wash stand, oak ball & claw feet stand, oak regulator clock, Winsor chair, child's pressed back chair, cane seated high chair, single brass bed, benches, Vict. what not, Mahg. library table, blanket chest. UNUSUAL Halph Bonnett child's carriage.

COLLECTIBLES

Lots of Fiesta, Linens, Dollies, agate pcs., early tool box with lot of tools, tin weather vane, stuffed teddy bear, lg. keystone tin train, hanging ladden lamp, wood hanging carved match safe, redware, Vict. mantle clock w/other clocks, copper luster, pressed & cut glass, spatter pcs., blue wash bowl & pitcher, gold watch, frames, candy container, Charlie Chaplain bottle, Roseville, lot of depression glass, copper luster, decorated Ironstone pcs., R.S. Prussia, many crocks & jugs, toy clown doll, German bisc items, weller pottery, Benington, butcher kettles and butcher equipment, baskets, bridge lamps, oriental rugs, many xmas items, art glass, cookie cutters, spongeware, quilts, bells, yellow ware, old phone, glass basket collection, carnival punch bowl w/cups, occupational shaving mugs, STERLING SILVER FLATWARE SET, 1851 one dollar GOLD COIN, silver dollars, gold pocket watch, and many other items to numerous to mention.

TERMS: Immediate payment cash & cashiers check, Master Card or Visa, check's if known to auctioneer. All sales are final with immediate removal of merchandise.

FORTNA'S
Annville Auction Co & Gallery

Michael R. Fortna, C.A.I.
Auctioneer
Phone 867-4451

Merchandise now being accepted for upcoming SALES!

MAILBOX MARKET AD FORM

Only ads submitted on this official form will be published in our mailbox markets

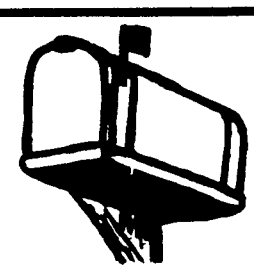
Please NO PHONE CALLS

(Attach Your Mailing Label Here)

Check One:

For Sale _____ Notice _____ Wanted _____

1	2	3	4
5	6	7	8
9	10	11	12
13	14	15	16
17	18	19	20



FREE

Subscribers to Lancaster Farming will receive one advertisement FREE each month in our Mail Box Market Subscribers using the Mail Box Market MUST use this form with mailing label attached and will be governed by the following rules:

Limit your advertisement to 20 words; area code must be added to phone number and, due to repeated requests, please include your county for buyer and seller convenience, all advertisements must be mailed to the office by Monday or same will be held over for next week's paper; no business ads accepted.

Include your Lancaster Farming mailing label and mail to

Mail Box Market
Lancaster Farming
P O Box 366
Lititz, PA 17543
No Phone
Calls Please

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

TUES. FEB. 17 - 9:30AM Farm Mach., Mules, HH. 1 mi. E. of Intercourse, PA. Samuel L. & Rebecca Esh, Owners. Steve Petersheim & Steve Jr., Aucts.

WED. FEB. 18 - 9:30AM Farm Mach., Horses, HH. ½ mi. S. Vintage. Jacob S. & Rebecca H. Beiler, Owners. Steve Petersheim and Steve Jr., Aucts

WED FEB. 18 - 10AM Modern Farm Eq. Located 3 mis W. of Greencastle, PA. Mr. & Mrs. H. Eugene Lawson, Owners. Robert C. Mullendore, Auct.

THURS FEB. 19 - Midrock Holsteins, Wm. G. Blose, Penn Laird, VA. (Near Harrisburg). 225 Reg. Holsteins. Ownby Auct. & Realty Co., Inc.

THURS. FEB. 19 - 9AM Farm Equip. Located between Soudersburg & Paradise at 2969 Lincoln Hwy., Rt. 30, 8 miles East of Lancaster. Terms By: T.J. Wheary & Sons. Aucts: Robert E. & Jeffrey R. Martin & Blaine Rentzel.

THURS. FEB. 19 - 9AM PA Draft Horse & Mule Association Sale. Pennsylvania State Farm Show Building, Corner of Cameron & McClay Sts., Harrisburg, PA.

THURS. FEB. 19 - 9AM Tractor, Mobile Home, Power, Shop Construction & Hand Tools, Plumbing, Elec., Mobile Home Parts. Formerly Paul's Home Sales, along Rt. 283, Mt. Joy, Rapho Twp., Lanc. Co., PA. Behind Ewing Assoc. Take Rt. 283 about 8 mi. W. of Lanc. to Mt. Joy Exit. Howard Shaub, Auct.

THURS. FEB. 19 - 9:30AM Longview Farms (Punk Bros.), Rt. 526, Imlaystown, NJ. Farm Mach., used on 1000 acre potatoe & grain farms. Sale by: Col. Fred R. Daniel Aucts., Inc.

THURS. FEB. 19 - 9:30AM Horses, Mules, Dairy Eq. & Farm Machinery. Centre co., ¼ mi. W. of Madisonburg, PA, turn S. off Rt. 192, 1st lane. Henry F. & Anna Beiler. Mark Glick, Auct.

THURS. FEB. 19 - 9:30AM Farm Eq. Between Soudersburg and Paradise at 2969 Lincoln Hwy., 8 mis. E. of Lancaster, PA. T.J. Wheary & Sons, Owners. Robert E. & Jeffrey R. Martin, & Blaine Rentzel, Aucts.

THURS. FEB. 19 - 10:30AM Six Tractors, Farm Equip. From Honey Brook take Rt. 322 east approx. 6 miles to Rt. 82, turn right proceed 1 mile to sale on left. From Rt. 30, take Rt. 82 north approx. 4 miles to sale on right. West Brandywine Twp., Chester Co., PA. Allen S. and Alta W. Hoover, owners. Nevin Z. Martin & Lewis B. Groff, auctioneers.

THURS. FEB. 19 - 11AM Combine, Tractors, Truck, Farm Eq. Going from Dover, DE, to Frederica, DE, on U.S. 113, turn right at Barretts Chapel onto Road 371. Go 1½ mis. to farm on right. Pleasant Hill Farm, Homer Torbert, Owner. C.T. Scuse & Sons, Inc., Aucts.

THURS. FEB. 19 - 6PM New, Overstocked, Scratched, Dented, Outdated Lawn & Garden Hdw., Farm & Home Items. Lincoln Fire Hall, Ephrata, PA. Sale by: Henry B. Hoover, Inc Harry Bachman, Auct.

THURS. & FRI. FEB. 19 & 20 - Large Two Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

FRI. FEB. 20 - Willowlyn Farms Inc., Catlett, VA. Between Fredericksburg & Warrenton. 125 Reg. Holsteins. Ownby Auct. & Realty Co., Inc.

FRI. FEB. 20 - 9:30AM Farm Eq. ½ mi. S. of Fogelsville, 8 mis. W. of Allentown, PA For: Joshua & Althea Grim. Ralph W Zettlemoyer Auct. Co., Inc.

FRI. FEB. 20 - 9AM Hi Grade Holstein Herd- 16,500 DHIA 305D Rolling Herd Avg., Farm Mach., Milking Eq., Feed Located Dauphin Co., 3 mis. N. of Gratz off Rt. 25. David Esh, Owner. Steve Petersheim & Steve Jr., Aucts.

FRI. FEB. 20 - 9AM Horses, Cattle, Machinery, some Furniture, items for school. 4 mis. W. of McClure, PA, turn N. off Rt. 522 at the Mifflin/Snyder Co. Line. Noah A. & Elizabeth Yoder. Mark Glick, Auct.

FRI. FEB. 20 - 10AM Horse Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. FEB. 20 - 10AM Farm & Dairy Eq. Fred & Dorothy Black, Kings Hwy., 1 mi. S. of Swedesboro, NJ. Cowtown Aucts., Inc.

FRI. FEB. 20 - 6:30PM Coin Sale. Winterstown Fire Hall, York Co. J. Everett Kreider, Auct.

SAT. FEB. 21 - Granville Overly Estate HH Sale. Wakefield area. J. Everett Kreider, Auct.

SAT. FEB. 21 - 320 Clay School Rd., Ephrata. Selling Farm Equip. & Tools for Mrs. Paul H. Buchter. Paul E. Martin, John D. Stauffer, Auctioneers.

SAT. FEB. 21 - 9AM Farm Toy Show and Auction. Located at the Best Western Inn, in the Mariposa Ballroom. 1245 Harrisburg Pike, Carlisle, PA. Sponsored by the Cumberland Valley Tractor Pullers. Mark K. Keller, Auct.

SAT. FEB. 21 - 9AM Farm Mach., HH. Located take Rt. 272 S. of Lancaster 9 mis., OR 4½ mis. N. of Buck, turn E. on Pennsy Rd., ¾ mi. to sale Ira T & Mary H. Harnish, Owners. Kreider & Kline Auct Serv.

SAT. FEB. 21 - 9AM 42 Head Holstein Dairy Cattle. 1½ mis. N of Quarryville, 6 mis. S. of Strasburg. Between Stoney Hill Rd. and Carmargo Rd., along Stone Rd., Eden Twp., Lanc. Co., PA. Levi S. & Anna Mae Glick, Owners. Diffenbach's Aucts.

SAT. FEB. 21 - 9:30AM HH, Antiques, Lawn & Garden & Tools. 8 mis. s. of Quarryville, 2 mis. E. of Wakefield along Rt. 1272 Terms by: Ethel P. Overly Est. J. Everett Kreider, Auct.

PUBLIC AUCTION

AT RUDNICK'S SALES
Rt. 213, Galena, MD.

SAT., FEBRUARY 14, 1987

AT 10:00 A.M.

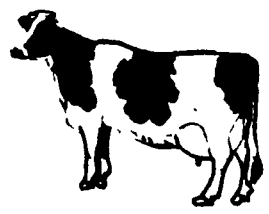
FURNITURE AND ANTIQUES FROM LOCAL ESTATE TO INCLUDE VICTORIAN MARBLE TOP TABLES AND WASH STAND, VICTORIAN CHAIRS, GATELEG TABLE, MAPLE HUTCH, DINING ROOM DOUBLE DROPLEAF TABLE, MAHOGANY BEDROOM SET, ANTIQUE ORIENTAL RUG 8' X 10'8', NEEDLEPOINT FOOTSTOOL GOV WINTHROP TYPE DESK MARBLE TOP VICTORIAN DRESSER AND MIRROR, PAIR HEPPLE WHITE CANOPY BEDS CHIPPENDALE MIRROR, PAIR HEPPLEWHITE CHAIRS CLAW FOOT MAHOGANY TABLE TILT TOP TABLE WITH EAGLE INLAY, DINING ROOM SET WITH TAPERED LEGS 6 DINING ROOM CHAIRS, GLASS AND OIL LAMPS LOTS OF GLASS AND CHINA, 14 K WHITE GOLD RING WITH 3 DIAMONDS BRILLIANT, PLATINUM RING WITH 1 BRILLIANT DIAMOND SET OF STERLING STEIF ROSE SILVER, A SELECTION OF HAND KNOTTED ORIENTAL RUGS (SOME VERY FINE QUALITY RUGS), AND MORE FURNITURE AND ANTIQUES COMING IN DAILY

OUR NEXT SALE WILL BE SATURDAY, MARCH 14, 1987

HARRY RUDNICK & SONS, INC.
Sales Manager, Auctioneers,
Real Estate Broker
Galena, Md. 21635
Phone: 301-648-5601

PUBLIC SALE

Farm Machinery - Milking Equipment
Horses - Mules - Feed
Apollo Semen Tank - Semen
Hi Grade Holstein Herd



FRIDAY, FEBRUARY 20, 1987

9:00 A.M.

Located in Dauphin County, PA, 17 miles East of Millersburg, 18 miles West of Hegins, 3 miles North of Gratz. From Route 25, go South at square in Gratz, left at Y to mountain, turn left, first farm on the left.

64 Head — **305 Day D.H.I. R.H.A. 16,500** — **64 Head**

43 milk cows, 20 fresh and due in January thru March, 27 head milking with 1st & 2nd calf, only 5 animals over 5 years old, 8 bred heifers, 10 heifers 9 to 15 months old, open, 5 calves, a lot of Creek & Gay Ideal blood in herd, mostly Sire Power breeding, Trump, Jemni, etc 30 day charts pregnancy checked

Gloria	Fresh 1/18/87	Sire - Boots	2 yr. 305 day	17,360 M
			3 yr. 305 day	19,400 M
	3 Daughters Sell		4 yr. 305 day	23,002 M
Bess	Fresh 1/87	Sire - Herd Bull Blaze	2 yr. 292 day	15,165 M
Cathy	Due 2/3/87	Sire - Spirit	2 yr.	16,967 M
	Complete Records			
Fern	Fresh 1/27/87	Sire - Spirit	2 yr. 289 day	15,818 M
Shirl	Due 3/20/87	Sire - Herd Bull Blaze	2 yr. 294 day	14,974 M
Laurer	Due 7/1/87	Sire - Doctor	305 day	21,246 M
Ruby	Due 8/87	Sire - Bart	4 yr. 305 day	19,638 M
Naomi	Due 8/87	Sire - Creek	5 yr. Est.	19,755 M
Joddy	Due 7/87	Sire - Jet Stream	305 day	19,158 M
Maria	Fresh 1/27/87	Sire - Trump	3 yr.	20,640 M
Martha	Due 2/20/87	Dam - Joddy	2 yr.	17,000 M

Only a partial listing of the kind of animals you can purchase on this dispersal.

Apollo semen tank 5x18, Semen as follows: 9 straws each of Night Train & 9H692, 8 Straws each of Saul, Sundancer & 9H626; 1 straw of Trump, others include Canadian bulls, Sire Power sampler sires

Milking Equipment

SR3 Lister diesel, Utile vacuum pump 1 year old, 3 HP Quincy air compressor, large air supply tank 4 can cooler with small compressor, Sputnick late model, 4 Delaval milkers sterling pulsation 65 lb pail dry vats Bender washer

Tobacco Equipment

1 row Holland transplanter New Idea transplanter, 2 tobacco ladder wagons, approximately 18,000 tobacco lath, approximately 200 rails 12' to 19', 3 compartment 609 press with air cylinder, 2 compartment type 41 press with air cylinder 3 Minnick tobacco presses, 8 tobacco shears, Stihl mist blower

Mules, Horses & Harness

Pair of 8 year old sorrel work horses, pair of sorrel mules, 10 year old black mule, all purpose registered Morgan horse 6 year old standard bred, 8 complete sets work harness, collars, bridles, horse trees

Farm Machinery & Barn Equipment

Oliver #77 diesel on rubber, Zook manure spreader, Blank manure pump, overhauled in December, New Holland 272 baler with 2 cylinder engine, Pequea tedder, New Holland 56 rake, New Idea mower crimper combination with hydraulic lift, New Idea cutditioner, John Deere 494 corn planter, with hydraulic lift and liquid fertilizer attachment, International Havestor PR1 corn picker, International Harvestor #7 silage cutter, 60' endless belt, fiberglass tank field sprayer with centrifugal pump, 2 bottom Oliver 14" plow, 2 bottom Oliver Radex 12" plow, ground drive corn binder, corn elevator, 2 bin wagons on gears, 3 flat bed wagons, Disc grain drill, 2 International Harvestor cultivators, 3 section spring tooth harrows, disc harrows, John Deere R manure spreader, 5' cut grass mower, MH 44 tractor on steel, parts, Leroy power unit, V G Wisconsin with clutch reduction, V E Wisconsin with clutch reduction, 8 HP Briggs, 5 HP Briggs, ga fired forge; 3 fore carts, 2-4 & 6 horse hitch, steel, Ritchey waterer, Lincoln welder, 3 ton fee bin, feed cart, silage cart, approximately 170 ton corn silage, approximately 20 ton ear corn, cattle transport trailer, spring wagon, 2 electric clippers, Stewart, air clipper, invertor, 200 used wall a waters, fertilizer applicator & filters for irrigation drip lines, 2 wagon loads of small items

ORDER OF SALE: 2 wagon loads of small items, Farm Equipment, Milking Equipment, Ear Corn & Silage, Cows, Horses.

NO OUT OF STATE CHECKS. -- NOT RESPONSIBLE FOR ACCIDENTS

Owners:
DAVID & SYLVIA ESCH

Auctioneer:
Steve
Steve Jr. **Petersheim:**
717-786-4624
Lic. #AU-001349-L

Lunch stand & baked goods for benefit of schools

PUBLIC SALE

High Grade Holstein Herd,
Farm Machinery- Milking Equipment, Ear Corn-
Horses - Produce Supplies

Wednesday, February 25, 1987

9:00 A.M.

Located in Lancaster Co., PA, 1 mile West of Gap. From Route 41 cross Railroad bridge and follow Route 741 to Hoover Road. 1 mile South of Route 30, go South on Hoover Road, opposite Rough & Tumble.

60 Head — **A.I. Grade Holsteins** — **60 Head**

Presently averaging 55 lbs. per day; 36 head mature animals; 10 fresh and due January thru March; 10 head milking with first calf, basically young, home raised. 24 head heifers, 5 bred, balance yearlings to calves. Sires represented: Chairman, Spirit, Ned Boy, Stewart, Lone Ranger, Marvex and others. All animals AI sired and serviced; 30 day charts - pregnancy checked; D.H.I.A. test - individual records to 21,000 M; herd average test 3.7.

Auctioneer's Note: This is a milky herd of cows

Feeding & Milking Equipment

3-55 lb. DeLaval milker units, shut-off claws; Lisner 3 cylinder diesel; 31 cow trainers; udder support; approximately 25 milk cans, stainless steel twin tubs; barn and animal supplies; feed carts.

Produce Supplies

80 wooden cabbage boxes; 90 produce boxes, bushel capacity; 100 pepper boxes; 25 lb. tomato boxes; 300 tomatoes; platform scales, floor skids.

Horses & Harness

2 sorrel odd 7 and 4 year olds; pair of dark bay mules; sorrel odd horse; sorrel odd mule; 8 sets of harness; bridles; collars; lines; extra collars; single-double-triple trees: 4-5-6 horse hitches, spring wagon.

Farm Machinery

John Deere 2-way plow; John Deere K.B.A. disc harrow; 3 section spring tooth harrow; cultipacker mulcher; steel field roller; spike harrow; International 7' mounted bar mower; Grimm tedder; 5 wheel rake; 2 flat bed wagons; New Holland 310 baler with engine, A1 condition; Smoker 24' elevator; McDeering ground drive corn binder; New Idea transplanter; New Idea fertilizer drill; 546 Fox harvester with trough conveyor; New Idea 206 manure spreader; John Deere 999 corn planter; liquid or granular fertilizer; Zook liquid manure spreader; Wiard walking plow; 7,000 tobacco lath; tobacco shears; spears; 7 bales baler twine; 3 tobacco presses, 2 Minnick; 4 John Deere gear wheels and tires; hydraulic hand pump lift; spray material; 300 gal. fuel tank; 2 foot corn cutters; tobacco hoers; 2 forecarts; bolts; parts.

Approximately 70 Ton Ear Corn

Owners:
AQUILLA R. & ANNA MARY STOLTZFUS

Auctioneer:
Steve
Steve Jr. **Petersheim:**
717-786-4624
Lic. #AU-001349-L

Food On Premises To Benefit Hospital Bill.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. FEB. 21 - 9:30AM Emma K. Steigerwalt Estate, 70 A. Farm or 2 Parcels, Antiques, HH, Tractor. 6 mis. S of Tamaqua, 12 mis W of Lehighton, 25 N of Allentown, off Rt. 443, close to Mahoning Valley Public Golf Course, West Penn Twp., Sch. Co Houser Aucts.

SAT. FEB. 21 - Tack 9:30AM and Horses 11AM at the Belleville Livestock Mkt., Belleville, PA. Draft Horses, Mules and Driving Horses. Mark Glick, Auct.

SAT. FEB. 21 - 10AM Farm Mach., Truck, Tools. 6 mis. N. of Hanover on Rt. 94, then turn E. onto Pine Run Rd., 1 mi. to sale in Adams Co., PA. Mary L. Myers, Owner. Clair R. Slaybaugh, Auct.

SAT. FEB. 21 - 10:30AM Farm Eq. & Tools. 339 Clay School Rd., Ephrata, PA. For: Lloyd M. & Irene N. Burkholder. Paul E. Martin & John D. Stauffer, Aucts.

SAT. FEB. 21 - 11:30AM Tractors, Farm Eq. Located between Lancaster & Strasburg near Lampeter. Earl Simmons, Owner. Cloyd Wenger, Auct.

SAT. FEB. 21 - 1PM Real Estate, Located at 1045 along Rt. 23, in Village of Blue Ball, East Earl Twp., Lancaster Co., PA. Lowell W. & Mary Ann Horst, owners. Nevin Martin, Auct.

MON. FEB. 23 - 10AM Complete Liquidation of Potato Farm Mach. for Wolf Farms, Inc., Stewartstown, York Co., PA. Owned by Wolf Farms, George Wolf and Sons. Pirrung Aucts., Inc.

MON. FEB. 23 - 10AM Farm Mach., Dairy Eq. ½ mi. S. of Belleville, PA. David J. & Arlene Spicher, Owners. Mark Glick, Auct.

TUES. FEB. 24 - 9AM Holstein Cows, Heifers, Mules, Farm Mach., HH. Located Rt. 272 from Lancaster go 20 mis. to Wakefield crossroad turn W, 1st farm. Johnathon H. & Fannie K. Beiler, Owners. Kreider & Kline Auct. Serv.

TUES. FEB. 24 - 9AM Horses, Dairy Cattle, Swine, Farm Mach. Centre Co., 1 mi. E. of Aaronsburg, PA. Ben Y. & Barbara Hostetler, Owners. Mark Glick, Auct.

TUES. FEB. 24 - 9:30AM Farm Machinery and Tractors. Located along Meadow Valley Rd., Ephrata, PA. Edwin Horning and Sons, Owners.

TUES. FEB. 24 - 10AM Metalworking Machinery. On premises SALJ of America, 1350 Taylor's Lane, Cinnaminson, NJ. Wm. F. Comly & Son, Inc.

TUES. FEB. 24 - 11AM Farm Mach., 3 Tractors, Most 11 bought new. Located 3 mis. S. of New Holland. For: Jacob S. & Ada Deinner. Steve Petersheim & Steve Jr., Aucts.

WED. FEB. 25 - Donald Myers Farm Machinery Sale and Carpenter Tools. Buck area. J. Everett Kreider, Auct.

WED. FEB. 25 - 9AM Holstein Herd, Milking Eq., Farm Mach. Aquilla & Anna Mary Stoltzfus. Steve Petersheim & Steve Jr., Aucts.

THURS. FEB. 26 - Farm Eq., HH. Along Wispering Spring Rd., 3 mis. E. of Mt. Pleasant Mills, Snyder Co., PA. By: Phares S Brubacker T Glenn & Timothy G. Horst, Aucts.

THURS. FEB. 26 - 10AM Farm Eq Located Cumberland Co, 132 Park Drive, Boiling Springs, PA. Ferman Landis, Owner Foreman's Auctioneering.

THURS. FEB. 26 - 11AM Robert England, Gordon Rd., Robbinsville, NJ. Big Grain Farm Mach. Sale by: Col Fred R Daniel Aucts, Inc

THURS. & FRI. FEB. 26 & 27 - 9AM Both Days Antique Tractors, Engines, New, Used & Abused Farm Eq 10 mis E of Lancaster, 2½ mis W of New Holland, turn off Rt. 23 on S. Groffdale Rd, turn left on Musser School Rd, Lanc Co., PA

Terms by Elias S. Beiler Robert E, Jeffrey R. Martin, Blaine Rentzel & Ed Goodrich, Jr, Aucts

1ST ANNUAL PIEFFER HILL CONSIGNMENT AUCTION

FARM MACHINERY, LAWN & GARDEN, FURNITURE, MISC.

SATURDAY, MARCH 28, 1987

9:30 A.M.

Location: From Exit 21 Pa. Turnpike take 272 South to first light. Turn left on Church St. thru Reamstown to Red Run Rd. Turn left go 1/10 mi. turn left on Steffy Rd. approx. ½ mi. on left.

To consign your items for this auction, call Art at 215-267-7855 or Allen at 215-267-3113.

Watch for full listing in later issue.

Terms by
PIEFFER HILL CONSIGNMENT AUCTION

Auction Conducted By
Randal V. Kline, Lloyd H. Kreider
Roy E. Good Jr. Auctioneers 2116-L

KLINE & KREIDER AUCTIONEERS
(215) 445-4309

PUBLIC SALE

OF MODERN FARM EQUIPMENT

MONDAY, MARCH 2, 1987

9 o'clock

Location: At Elizabethtown, Pa. take Rte. 743 west, approx. 3 mile to Bossler Rd. turn right, go to Bosslers Church, turn right, go to Stonemill Drive. Watch for signs.

International 1086- full cab, digital readout- 1600 hrs., International 574 diesel with Dunham Loader 2050 hrs., Farmall 230 w/fast hitch, cultivators; Farmall Super C with mounted field sprayer; Hyster #40- 4,000 lb. Forklift; New Idea 702-V6 gas Uni System with the following attachments: combine w/13' grain head (like new) corn picker w/2 R.W. head, harvestor w/2 R.W. head, Krause #1900 D offset D wingfold 18'-6" disk.

Also full line of International and New Holland farm equipment. Watch for full listing later. Auct. Note: This is a line of good clean equipment.

Sale by
GEORGE B. MARTIN
717-426-3762
or 426-1004

Sale conducted by
Miller's Auction Service
Aucts. AU617L
Raymond Miller 653-8762
Rufus Geib
Jim Hershey

AUCTION

STOVE MANUFACTURING PLANT

TUESDAY, FEB. 10, 1987

10 A.M.

27 N. Washington St., Boyertown, Rear of Schmoyers Home Center

EQUIPMENT & TOOLS: 1978 C.50 Chev. Stake Body Truck, 17,400 lbs. gross weight. Computer- Commodore Tractor Printer series 2020, CBM Floppy Disc Drive Model 8050, Keyboard & Screen 8032, Letter Quality Printer 8300 P. DeVilbiss Paint arrester type Spray Booth; Aro. Paint Dispenser & Mixer; Powermatic 4-spindle Drill Press; Allen 6-spindle Drill Press; 3 Powermatic air-powered Drill Presses; J.G.A. Spray Gun; 12 in. wide Band Saw; Radial Skill saw, 12 in.; ½ ton Chain Hoist; Miller Elec. Welder, S.R. 200; 2 welding Jigs; table model Bench Saw; Barrel Rolls; 2 portable Dayton Oil Heaters; Hydraulic Hand Lift; 15 sections 10 ft. Conveyor Rollers; Industrial Dollies; Industrial Storage Racks; 2 skids new stove bolts; skid stove Molds; hand Tools, Air Hoses, file cabinets, 4 Office Desks & Chairs, 3 water recycling Units, etc. Personal property of Cawley Stove Co.

Sold By
ORDER OF S.B.A.

Hess & Moyer, Aucts.

Conditions cash or approved check on day of sale.

Removal same day. Bring your Trucks!

489-7127 948-8030
HESS & MOYER
Au 409L AUCTIONEERS Au 642L
115 HESS ROAD • COLLEGEVILLE, PA 19426

PUBLIC SALE

Full Line Of Farm Machinery
Tractors - Ear Corn
Stock Trailer

Petersheim Auctioneers

TUESDAY, FEBRUARY 24, 1987

11:00 A.M.

Located in Lancaster County, PA, on Peters Road, 5 miles South of New Holland, 4 miles Northeast of Intercourse, from Route 340 go North on New Holland Road, turn right onto Peters Road.

3 Tractors & Loader

International 986 diesel cab, wide front, 540 & 1000 PTO, new 1977, A1 condition; International 544 diesel, wide front, good rubber; John Deere 1530 diesel, wide front, good rubber, both in good condition; John Deere 145 heavy duty loader dual cylinders on tilt, full hydraulic control, fork & 6' bucket, A1 condition.

Hay & Forage Equipment

New Holland 489 9' haybine, Hi flo tires; 2 New Holland hay rakes, both with rubber attached teeth, one with narrow teeth spacing; New Holland 315 baler with model 75 snap thrower and Gandy applicator; 2 - 18' Farm Bilt steel hay wagons, wide tread gears; 32' Smoker elevator; International 830 forage harvestor, 2 row adjustable corn head, grass head; 2 International forage wagons, both with 3 beaters and roof; International 56 forage blower with Gandy applicator; New Idea 323 - 2 row corn picker; 2 Killbros grain bin wagons, wide tread, heavy gears.

Tillage Equipment, Etc.

International 5 bottom 18" auto reset plow; Krause 14' disc harrow, dual wheels; 12' Vibra shank harrow; 15' single roller cultipacker; 9 tooth chisel plow, 3 pt. with gauge wheels; New Holland 679 manure spreader, 2 beaters, tailgate, slop guard, tandem axles; **New Holland 352 portable grinder mixer with sheller;** 30' Boom field sprayer with P.T.O. pump; Winco 15,000 watt generator. Machinery mostly all bought new.

Trailer & Barn Equipment

16' Valley stock trailer, dual axles, inspected with title; exhaust fans; 2 sets of clippers; dehorner; wagon load of small items.

Auctioneer's Note: This is an opportunity to purchase machinery bought new and well maintained.

Owners:
JACOB & ADA DIENNER

Auctioneer:
Steve
Steve Jr. **Petersheim:**
717-786-4624
Lic. #AU-001349-L
Food On Premises

WILLIAM & MARJORIE MINER

DISPERSAL

R.D., Afton, N.Y. (Chenango Co.)

FRIDAY, FEBRUARY 13, 1987

11:30 A.M.

Sale to be held on the farm on the Nurse Hollow Road. Turn off Rt. 7, 4 miles east of Harpursville I-88 Exit or 3 miles west of Afton I-88 exit to Nurse Hollow Road and go 3 miles to farm. Arrows off Rt. #7.

49- REG. & HI-GRADE JERSEYS- 49
2- REG. HOLSTEIN BAGGING HFRS- 2

34 Mature Jerseys (19 are Reg. - some PR Reg. - balance good grades). A good uddered youthful herd w/5% butterfat test at plant. 11 Fresh; 6 Handling or Bagging; 9 due July thru Oct.; balance in all stages. 2 Reg. Holstein Heifers - Bagging. 15 head of Jersey Hfrs. (12 Reg. or eligible & 3 grades). 5 are bred hfrs. Balance from well started to breeding age. Herd is made up of daughters of Vermonter, Fascinator, Secret Soldier, etc. Some were shown at local fairs and did real well. A great opportunity to buy good Jersey cattle. They will have milk weight and butterfat test available at sale time. They have been pregnancy examined, shot for Shipping Fever, Blood & TB tested and eligible for immediate interstate shipment day of sale. Many are calfhood vaccinated.

MACHINERY- MILKING & BARN EQUIP.- PRODUCE

N.H. Super 717 Chopper w/1 row corn & pick up head; Ford 3 pt. 309 Corn Planter; Ford 3 pt. Cultivator; Fox Short Hopper Blower; 9" Blower Pipe; 2 Lamco Self-Unloading Wagons on 8 ton gears; 30 ft. hay & grain Elevator; M.F. 9 ft. Mower-Conditioner; 2 Wheel Cattle Trailer; Fahr Tedder - needs work; Forklift Forks; Some Chicken Feeders; Sawdust Cart.

Milking & Barn Equip.: Delaval 1½" Pipeline Milking System; Alamo 75+ Pump; 3 Surge Mini-Cup Units; 2 Delaval Floor Milkers; 2 Dumping Stations; Sunset 545 Gal Bulk Tank, a dandy; Kleen-A-Tank tank washer; 24" Barn Fan; Van-Dale 14' Silo Unloader, 3 years old.

Produce: Approx. 1,000 bales Hay.

P.S. - A super herd of Jerseys. Machinery at 11:30, followed by Milking & Barn Equip. Produce; then Cattle at 12:30. A good sale to attend!

Terms - Cash or Good Check w/Positive ID

Owners-
WILLIAM & MARJORIE MINER
MEL MANASSE
Sales Managers & Auctioneers
Whitney Point, N.Y.
607-692-4540 or toll free
NYS 1-800-MANASSE
Lunch Available

PUBLIC SALE

Petersheim Auctioneers

FARM MACHINERY- MULES
HOUSEHOLD GOODS- ANTIQUES

TUESDAY, FEB. 17, 1987

9:30 A.M.

Located in Lancaster Co., PA, 11 miles East of Lancaster City, 1 mile East of Intercourse, along Route 340.

MULES, HARNESS, ETC.

2 pair sorrel mules, both teams 7 year olds; 2 standard carriage horses, consigned by Amos S. Stoltzfus; 11 sets heavy harness; collars; bridles; single-double-triple trees; spring wagon; break cart; 1 horse sleigh; pony cart & harness.

FARM MACHINERY

Hydraulic 2-bottom plow; McDeering 2-way plow; 4 section spring tooth harrow; John Deere K.B.A. disc harrow; International 7' bar mower, mounted fully hydraulic; 10 HP Briggs engine; Grimm tedder; New Holland 273 baler with engine; 12 volt liquid applicator; 2 flat bed wagons; Zimmerman 28' elevator; 2 grain bin wagons; hydraulic motor and hose; hydraulic unit; Papec ensilage cutter with shredder bars; stalk shredder with auto turn front; Stoltzfus liquid manure spreader; 210 New Idea manure spreader; John Deere 999 corn planter; New Idea transplanter; McDeering corn binder with carrier loader; Wisconsin baler engine; fertilizer drill; 3 forecarts; McDeering 2-way plow; 48 HP Allis Chalmers engine on chassis; 2 McDeering 2-horse cultivators; 4 round hay racks; 4 compartment calf barn; 4 cycle Wisconsin engine with clutch reduction; hydraulic jacks; log chains; 250 gal. oil tank.

BUTCHERING EQUIPMENT, ANTIQUES

Scalding trough; hydraulic large meat grinder; lard press; iron kettle with jacket; trolley meat hooks; stainless steel twin tubs; upright freezer racks; hog gambles; meat grinder; stirrers; Arrow paper dispenser; wooden spoke wheels.

HOUSEHOLD GOODS, ANTIQUES

Slant top desk; oil space heater; knee hole desk; nursing rocker; 2 old plank bottom rockers; oak high back swivel rocker; 2 sofas; waterfall dresser; bookcase bed; 2 iron beds.

Owners:
Samuel L. & Rebecca Esh

Auctioneer:
Steve
Steve Jr. Petersheim:
717-786-4624
Lic. #AU-001349-L
Food On Premises By Local School

Public Auction Register

Closing Date - Monday, 5 00 P M
of each week's publication

FRI. FEB. 27 - 9AM Holstein Cows, Heifers, Mules, Farm Mach., HH. From Strasburg traffic light go S. on May Post Office Rd., 1 mi. to Shaub Rd., turn W. to Bunker Hill Rd., turn left, second farm on right. By: John K. & Arie G. King. Kreider & Kline, Aucts.

FRI. FEB. 27 - 9AM Horses, Dairy Cattle, farm machinery, some household, located in Mifflin Co., 5 miles S. of Belleville, PA or 1 mile N. of Allensville. Ezra B. and Mary Swarey, owners. Mark Glick, Auctioneer.

FRI. FEB. 27 - 10AM 42 Head Holstein Dairy Cattle, Farm Eq., Ear Corn. 12 mis. S. of Strasburg, 3 mis. S. of Nine Points; ¼ mi. E. of Rt. 896, first farm on right, along Windy Top Rd., Sadsbury Twp., Lanc. Co., PA. John B. Stoltzfus, Owner. Diffenbach's Aucts.

THURS. & FRI. FEB. 26 & 27 - 9AM Ea. Day. Antique Tractors & Engines, Parts, New, Used & Abused Farm Eq. 10 mis. E. of Lanc., 2½ mis. W. of New Holland, turn off Rt. 23 on S. Groffdale Rd., turn left on Musser School Rd. Lanc. Co., PA. Terms: Elias S. Beiler. Aucts.: Robert E. Martin & Son, Blaine Rentzel & Ed Goodrich, Jr.

SAT. FEB. 28 - Farm Eq. Along Mohler Church Rd. (Just off Rt. 272 near PP&L Service Center N. of Ephrata), Ephrata Twp., Lanc. Co., PA. By: Rufus G. & Bertha M. Martin. T. Glenn & Timothy G. Horst, Aucts.

SAT. FEB. 28 - Farm Machinery, Horses. David B. Zook. Steve Petersheim & Steve Jr., Aucts.

SAT. FEB. 28 - Fifth Annual Lancaster Farm Toy Auction, Show and Sale at Lancaster Treadway Inn, Route 30 and Oregon Pike (Rt. 272), Lancaster, PA. Show and Sale 9AM to 3PM. Auctioneer-Wally Hooker

SAT. FEB. 28 - Farm Machinery. Landisburg, Perry Co., PA. Gary Haas, Owner. Kling's Auction Service, Sale Mgrs.

SAT. FEB. 28 - Farm Eq. Just off Rt. 94, near A & P Shopping Center, Blairstown, NJ. For: Kopycinski Bros. Ralph W. Zettlemoyer Auct. Co., Inc.

SAT. FEB. 28 - 8:30AM Tack; 10:30AM Horses. Consignment Horse Sale. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. FEB. 28 - 8:30AM Ralph Brenneman's Annual Community Sale. Farm Machinery, Tractors and Antique Equipment. Located from I-83 to Exit 6E take Rt. 74 S., 1 mi. to Campbell's Music Store, turn left on Oak Road and proceed 1½ mi. to sale. Or Dallastown take Fruitlyn Drive till Raabs Fruit Farm turn left onto Oak Rd. and proceed ½ mi. to sale. Ralph Brenneman, Auct.

SAT. FEB. 28 - 9AM Strasburg Fire Co. #1 Thirteenth Annual Public Sale. Horses, Mules, Farm Mach., Hay, Straw, Tools, HH, Antiques. W. Main St. Strasburg, PA. Sale managed by Elvin Siegrist, Alvin Miller & local Aucts.

PUBLIC AUCTION

SATURDAY
FEBRUARY 28, 1987
10:00 A.M.

LOCATION: RD 2, Bethel, Berks County, Pa. From I78 exit at Frystown onto Route 645. Turn north and then turn left onto Musselman Road and proceed appx. 1 mile to farm on the left— formerly the Isaac Stauffer farm.

TRACTORS

INT. 966 diesel wide front— Year Around cab— AC— radio— turbo-charger— 18.4x34 tires; INT. 674 wide front diesel— OLIVER 77 RC diesel— FARMALL A (needs repairs).

FARM MACHINERY

INT. 430 baler w/thrower & Beacon applicator; INT. 241 round baler; INT. 1190 mower conditioner; NI, AC & GEHL forage wagons; FOX Super 1000 harvestor w/2 row narrow corn & 6' pickup heads; HESSTON 720 harvestor w/2 row narrow corn head, elec. controls & knife sharpener; IH 1150 grinder mixer; ZIMMERMAN 20' elevator; PAPEC 56 blower; FORD 1 row mtd. corn picker; INT. 56 plate 4 row corn planter w/insecticide; CLAY 1500 gal. liquid manure spreader; BADGER 12' manure pump; INT. 275 tandem axle spreader; INT. 5 bar rake; AC 16' field cultivator; JOHN DEERE 16' wing fold disc; CASE 10 tooth transport chisel plow; DUNHAM 12' cultipacker; JD 4 section rotary hoe; INT. rake; 3 pt. rear blade; LITTLESTON 3 pt. 5' rotary mower; OLIVER 720 baler (parts); CENTURY 2x125 tractor mtd. sprayer; GORDAN RUPP 4x4 pto irrigation system w/appx. 2000' pipe; WINCO 18KW generator; 8x20' & 6'x20' flat bed trailers; FARMHAND wheel rake; OLIVER 4 row mtd. cultivator; FORD 3 pt. 2 row cultivator; INT. 3 pt. 2 prong bale mover; 2—3 pt. bale high lifts; DUNHAM LEHR manure loader; MASSEY 3 pt. sickle bar mower and INT. CADET 149 hydrostatic tractor w/42" mower.

FARM RELATED ITEMS

6 ton bulk feed bin; flex tube auger; DeLaval 75 vac. pump; 3" vacuum line; 4 Surge magnetic pail units; dumping station; bag medicator; hyd. cylinders; tire & tow chains; forks, shovels, etc.; feed carts; Int. front & weights and appx. 2 wagon loads of small items.

TERMS: Cash-checks by approval only

Auction by
MELVIN & MABEL STAUFFER
(717)933-8234
HARRY H. BACHMAN, Auctioneer
(717)867-1809 AU-000033-L
Good food by local Mennonite School

PUBLIC SALE

OF REAL ESTATE
SATURDAY, FEB. 21, 1987
1:00 P.M.

Located at 1045 along Rt. 23, in the Village of Blue Ball, East Earl Twp., Lancaster Co., Pa.

A certain tract of land consisting of app. 53' of road frontage x app. 496' in depth. Erected thereon a:

2½ Story Frame Dwelling

With aluminum and asbestos siding. Storm windows and doors. Kitchen with modern built-in cabinets and in-laid linoleum. Large living room with wall-to-wall carpet. Den with wall-to-wall carpet. Paneled laundry with in-laid linoleum and closet. 4 BEDROOMS with wall-to-wall carpet and closets. Full bath with in-laid linoleum. Attic storage. Full basement with outside entrance. Built-in porch. Large porch. Oil hot air heat with summer-winter hookup. Water softener. Town water. Large lawn and garden. Strawberry patch. Shade trees. Shrubbery.

Two Story Frame Garage-Horse Stable combined

OPEN HOUSE. Saturdays, February 7 and 14 from 12:00 Noon to 4:00 P.M. or by appointment.

TERMS: 10% down day of sale, balance April 1, 1987.

Sale for
LOWELL W. and MARY ANN HORST
717-354-2096
Nevin Z. Martin, Auct.
AU-1078-L
Not Responsible For Accidents

AUCTION SALE

TRUSTEE SALE IN BANKRUPTCY CASE NO. 83-07111
JAMES I. CAIN TRUSTEE — RONALD L. GLICK ATT'Y.

METALWORKING MACHINERY
REAL ESTATE
TUESDAY, FEB. 24 - 10 A.M.

on premises SALE OF AMERICA

1350 TAYLOR'S LANE, CINNAMINSON, N.J.

Real Estate Clear Span Whse./Office Facility, 3.56 Acres • 26' Ceilings • 15 Yr. Old Bldgs., Bldg. #1- 14,600 S.F. Whse./2,400 S.F. Office, Bldg. #2- 6,700 S.F. Whse./4,000 S.F. Exec. Office.

HORIZONTAL BORING MILLS

"TOS VARNSDORF" Horizontal Boring Mill - 4 S.N. 27808 w/60"x68" Travel-Table Type w/Rotary Powered Table & Anilamxy Axis Digital Display, "STANCO" Horizontal Boring Mill - 4 Model ZA622-1 w/44"x49" Travel-Table Type w/Rotary Powered Table, Optics & Control Panel, "STANCO" Horizontal Boring Mill 4/5 Model 2A620-1 w/44"x49" Travel-Table w/Rotary Powered Table, Optics & Remote Control "SIGMA" Horizontal Boring Mill- 4 Model W100 w/Digital Display.

7 GEARED HEAD ENGINE LATHES

"SIGMA" Gear Head Engine Lathe Model SU125/4000 w/50" Swing x 160" Bed w/40" 4 Jaw Chuck, Compound Slide, Tool Post & Tail Stock, "LANSING" Engine Lathe Model G34 w/36" Swing x 23' Bed, Compound Slide Tool Post & Tooling, "SIGMA" Kitako CNC Lathe, 21" x 40" Model Varriant 10' w/General Numeric Controls, 2- "SIGMA" Model SN63 Geared Head Engine Lathe w/25" Swing x 120" Bed w/Hydraulic Tracing, Compound Slides, Tool Post & Tail Stack 2 "SIGMA" Geared Head Lathes 18"x40" Model 45B.

RADIAL ARM DRILL, MILLING MACHINES

"YASHIDA" Radial Arm Drill Model YR5-115 w/11" Column x 48" Arm, "INDEX" Vertical Milling Machine w/Tooling, "SNOW" Hydraulic Surface Grinder Model 1018 w/Magnetic Chuck, Maximill Vertical Milling Machine w/Digital Display, "GOULD" & "EBERHARDT" 24" Shaper.

10 TON OVERHEAD CRANES, COMPRESSOR

2- American Overhead Traveling Bridge Cranes- 10 Ton Cap. w/Pendant Controls 54'x250' Span, 1- Worthington 20 H.P. Air Compressor.

TOOLING, WELDERS, WORK IN PROGRESS

2- Lincoln Model DC600 Arc Welders, 2 Lincoln R 35 600 & 400 Arc Welders, 5 Lincoln Wire Feel Units, Yale 2 Ton Elec. Chain Hoist w/Trolley, Pallet Jack, Pallet Shelving, Portable Torpedo Shop Heaters, Grinders, Granite Surface Plates, Rockwell Hardness Tester, Hvy. Drill Bits, Reamers, Taps, Dies, Studs, Cams, Flanges, Bearings, Pistons, Gaskets, Springs, Gauges, Rings, Calipers, Starrett Micrometers 1" to 48", Digital Height Gauges, Work Tables, 25 - 18 to 20 H.P. Mud Pump Components, 3 - 85 HP Mud Pump Components, 11- 1000 HP Mud Pump Components.

OFFICE FURNITURE, DRAFTING TABLES

Executive Wood Desks, Wood Credenzas, Wood Tables & Bookcase Units, 48"x120" Wood Conference Table w/Glass Top & 6 Uph. Swivel Arm Chairs, Executive Chairs, Fireproof File Cabinets, Microfilm Reader, Legal File Cabinets, Saxon SK 19 Copier, Uph. Side Chairs, Secretary Desks & Chairs, 5 Dr. Blueprint File, 3 Hamilton Drafting Tables 38"x64" w/Veemco Unit, Diazo 48" Blueprint Machine, Storage Cabinets Etc

INSPECTION FRI & MON FEB 20 & 23 9 A M to 3 P M
TERMS CASH OR GUARANTEED FUNDS 25% DEPOSIT REQ

PA AUCTIONEERS LICENSE NO AU000175L

Wm. F. COMLY & SON INC.
1825 E. BOSTON AVE., PHILA., PA.
(215) 634-2500

PUBLIC SALE

OF FARM MACHINERY, TOOLS AND SOME HOUSEHOLD GOODS

Location: Along Route 272, 3 mile south of "The Buck", 15 mile south of Lancaster.

FEBRUARY 25, 1987
10:30 A.M.

IHC #3688 tractor w/western cab & full set of weights 1200 hrs; IHC 756 tractor 1100 hrs. since overhauled late model; IHC 574 tractor diesel w/2550 loader, hyd. wide bucket, 2300 hrs.

IHC #990 haybine; New Holland 273 haybine baler no thrower; IHC #30 hyd. rake rubber mounted teeth; 3 pt. round bale carrier; New Holland 36 ft. elevator w/motor; IHC #720 harvester 2 row narrow & pickup; IHC #56 forage blower; 1 rack wagon on Dunham gear; 2 flatbed wagons; McCurdy bin wagon on IHC gear; John Deere 214 forage box on J.D. 1065 gear, flotation tires, ex. tongue & roof; Gehl 960 forage box on 12 ton gear, flotation tires & roof; IHC- 510 drill 16 double disc w/fert. & small seed box; IHC- 56 4 row corn planter w/insecticide boxes & dry fert.; Walsh 300 gal. fiberglass tank sprayer w/triple controls.

1979 GMC Pickup, Long & Wide Bed, Auto. Transmission 70,000 Miles; 1980 Chevy Pickup, Custom Deluxe; S10- 6 Cylinder, Auto., PS & PB, Wide Short Bed, 5,000 Mile (Like New).

IHC 9 ft. chisel plow 3 pt; Crouse 2200 disc 13-6 transport; 15 ft. Brillion Cultipacker; IHC #550 spreader w/hyd. endgate; J.D. 709 rotary mower 2 yrs.; Lincoln 225 welder; Fidelity 30 KW generator PTO on wheels; John Deere 340 liquifire snowmobile.

DAIRY SUPPLIES

30 bu. Stainless Steel Weaverline silage cart, new web 430 hydrostatic w/charger; 1 fiberglass feed cart; 3-16 ft. outside hay racks; 5 calf hutches; 2 elec. fly foggers; 3 ceiling fans; 50 ft. of J.D. silo pipe & gooseneck.

Ashly wood stove; Bolens 1050 tractor w/38 in. mower; 5 HP riding mower; 4 HP roto-tiller; Kemin hay applicator for baler; garden seeder; Scotts fertilizer spreader; lawn trailer: app ½ ton weight for 3 pt., 2 hydraulic jacks; air tank; 70 hole metal bolt bin; bolt cutters and tools of all kinds; small amount of hay.

SMALL HOUSEHOLD GOODS

Baby cradle; chaise lounge; chest of drawers; metal wardrobe & others App. 1 hour of selling.

Terms by
J. DONALD & ROXENE MYER
717-548-3616
Aucts.
J. Everett Kreider AU000512L
Stanley Bucher, Martin Heaps, Claude Bechtold

Lunch by Hayseeds Bale Team

COIN AUCTION

FRIDAY, FEBRUARY 20, 1987
6:30 P.M.

Located 3 mis. south of Red Lion on Rt. 24 in the Winterstown Firehall. From Jarrettsville, MD, travel north on Rt. 24 through Stewartstown and on to Winterstown. From I-83 Exit 1, follow 851 to Stewartstown, left on 24 to Winterstown.

350 LOTS 350

TWO $1 GOLD PIECES; ONE $2.50 GOLD PIECE; SILVER DOLLARS; rare 1909S VDB Lincoln cent; 1909S, 1914D, 1931S Lincoln; large cents back to 1797; half cents to 1808; Indian cents; Buffalos; 1939D; 1950D Jefferson; RARE 1916D DIME; 1912S V-nickle; half dimes; 3 cent nickle; 3 cent silver; 2 cent pieces; 1814 dime; quarters back to 1818 and up to 1932D and 1932S; 1875S 20 cent piece; half dollars back to 1808, 1809, 1813, 1817, 1819; silver dollars uncirculated and some CC mint marks.

NOTE: Listed here is only a small portion.

There are coins in this auction for beginning collectors as well as rare dates for the investing collectors.
Come see for yourself.

Complete catalogs available call 717-382-4725 or 382-4258

TERMS: Cash or check with ID.

Good food available.

Auctioneers:
J. Everett Kreider, Quarryville, PA, 717-786-1545, AU000512-L
C. Martin Heaps, Fawn Grove, PA, 717-382-4725, PA APP
Bob Sanza, Clerk, Fawn Grove, PA, 717-382-4258

Not responsible for accidents

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. FEB. 28 - 9AM Discontinuing Farm Equip. Business--Oliver & White Dealer. Located 1700 Edgar Ave., Chambersburg, PA. 717-263-8568. Paul M. Byers, Owner. J. Rodger Wildeson, Auct.

SAT. FEB. 28 - 9AM Antique Autos & Parts Consignment Sale. Located in the heated Exposition Building at the Lebanon Area Fairgrounds, off Rt. 72 at the corner of Rocherty and Cornwall Rds., S. of Lebanon, Lebanon Co., PA. Conditions by PA Dutch Region A.A.C A. Roger L. Myers, Auct.

SAT. FEB. 28 - 9AM HH, Antiques, Guns, Tractors, Tools, Car, Pickup Truck, Horses, Tack & Hay. Of the Charles H. Thompson Estate, RD1, Thompson Rd., Fawn Grove, PA. Bob & Tom Sechrist, Aucts.

SAT. FEB. 28 - 9AM Shenandoah Tractor & Implement Corp., Landfill Rd., between Woodstock & Edinburg, VA. Harold & Shirley Seal, Owners. R.F. "Tip" Pangle & Mark Pangle, Aucts.

SAT FEB 28 - 9 30AM Farm Eq & HH. Aaron Ebersol, along Churchtown Rd., ½ mi. S of Cambridge. Nevin Martin & Lewis Groff, Aucts.

SAT. FEB. 28 - 9.30AM Farm Machinery, Tools. 3½ mi. S. of Belleville, PA Sallie Hostetler, Owner. Yoder & Zook, Aucts.

SAT. FEB. 28 - 10AM Farm Eq. Located 3 mis. N. of Annville, PA. H. John and Mary S. Martin, Owners. Paul Martin & John D. Stauffer, Aucts.

SAT. FEB. 28 - 10AM Good Line of Farm Mach Centre Co., 3¼ mi. E. of Aaronsburg, PA, on Apple Butter Rd Fred & Mona Boob, Owners Mark Glick, Auct.

SAT FEB. 28 - 10AM Farm Mach Tools, Hereford Beef Cattle, HH 3 mis. E. of East Berlin or 8 mis. W. of York on Rt 234 thence turning S onto Sunset Rd ½ mi to sale in York Co , PA George "Pete" & Doris C Gordon, Owners Clair R Slaybaugh, Auct.

SAT. FEB. 28 - 10AM 4 Parcels of Real Estate, Farm Eq. & Dairy Cattle. Rt. 61N to right onto Zion's Church Rd., left onto Laurel Rd. to Windsor Castle. At Windsor Castle take Haas Rd. to sale. Terms by: Paul T., Edward R. & Gertrude V. Haas. Horning Farm Agy, Inc., Aucts

SAT. FEB. 28 - 10AM D.L Unruh & Son Excavating Complete Liquidation. Steiger Art Tractors, Crawler Loaders, Crawler Tractors, Excavator, Trucks, Trailers Off Rt 291 in Chestertown, MD, approx. 3 mis E of the junction of Rts 213 & 291 Vilsmeier Auct Co , Inc

SAT. FEB. 28 - 10AM Tractors, Farm Mach., Farm Related Items. RD2, Bethel, Berks Co., PA. From I-78 Exit at Frystown onto Rt. 645 Turn N. and then left onto Musselman Rd. and proceed approx 1 mi. to farm on left. Formerly the Isaac Stauffer Farm. By Melvin & Mabel Stauffer. Harry H. Bachman, Auct.

SAT. FEB. 28 - 11AM Farm Mach.; 3 Tractors, Dairy Eq. 3 mis. W. of Williamsport, PA. Mr. & Mrs. Frank DeRemer, Owners. Fraley Auct. Co.

PUBLIC AUCTION

FARM EQUIPMENT
MILK TANK;
MILK PIPELINE;
TRUCKS;
HARVESTORE SILO; FEED;
SELF-PROPELLED FORAGE HARVESTER; GRAIN BINS

TUES., MARCH 10, 1987
At 10 A.M.

Travel East from Easton-Phillipsburg Bridge on Rt. 57 for 3.5 miles, turn S. onto County Rt. 637 for one mile to Stewartsville, turn W. for one mile to Farm, Warren Co., New Jersey.

Full Ad Later

Ordered by

FRANKLIN & MARJORIE GAISLER

Conducted by
Ralph W. Zettlemoyer
Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

P.O. Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU001809 L
ZETTLEMOYER AUCTION

TWO DAY PUBLIC SALE

OF ANTIQUE TRACTORS, ENGINES, NEW, USED AND ABUSED FARM EQUIPMENT

THURSDAY, FEB. 26
FRIDAY, FEB. 27, 1987

AUCTION TIME BOTH DAYS: 9:00 A.M.

Located Ten Miles East Of Lancaster, 2½ Miles West Of New Holland, Turn Off Of Rt. 23 On S. Groffdale Rd., Turn Left On Musser School Rd., Lancaster County, Pa.

The Following Items Will Be Sold Thursday, February 26, 1987:

TRACTORS

Case 930 & 900 diesel; L.A. Case; McCormick W9; Farmall 400, 200, 450 D; M, TD9 with blade; T6 good motor and undercarriage; XT190 Allis Chalmers with pulley; Massey 44.

NEW EQUIPMENT

J.S. 327 PTO baler; N.I. 323 corn picker; 20 blade disc; International G.D. spin fertilizer spreader; New Holland Co. 30' and 36' elevator; Farmbuilt six ton running gear; N.H. 256 rake; 5' 3 point and 5' pull type rotary mower; 8 row field sprayer; 3P blade, 4' and 6' roller harrows; 9' spring harrow; new wheelbarrows; 2 cyl. Wisconsin with starter.

USED EQUIPMENT

N.H. 310 Baler like new with thrower; 273 & 268 baler; N.H. 456-455 mowers; Mc. model 100 mower; Mc. no. 9 and Big 4 J.D. mowers; N.H. 256 and 56 rakes; N.H. 401-402-404 crimpers; N.I. 751-752 crusher; Nickleson and Grimm tedders; N.H. 36' elevator; Brillion packer seeder; 8'-9'-10 cultipackers; J.D. and Mc. discs; 9'-10' harrows; Oliver 12"-14" trailer plows; Mc. two way plows; Frick 28x47 and 22x36 thrashers in good condition; Rosenthal 40 husker shredder; 3 Mc. PTO cornbinders with loaders from MN; Mc. no. 9 and no. 7 cutters some like new; Papec 16" cutter, N.I. and Mechanical transplanters in good condition; N.I. 206-17-12A-10A spreaders; N.I. 323 cornpickers; Model D.M.M. power cornshellers; gravity bins on running gears; flat wagons; wheel rakes; Mc. flail choppers; one row potato digger; Black Smith Forge; Troy rotiller; 1-2-3-4-5 horse hitches; pot stove; stump burner; cast iron water troughs; milk cans; feed carts; 2 pallet boxes of Wisconsin robin, Honda, Briggs, and Tecumech gas engines like new; 3 all terrain battery wheelchairs still in crate; Sun Busk honing machine; belt driven Lincoln welder; J.D. 38 lawn sweeper; lawn gates; chain saws; new tongues; harness; Irish horse collars; adjustable pipe threader; 300 watt generator; flat drive belts; truck load of farm machinery parts; ropes; large lot of gloves; new plumbing supplies; vanities and kitchen sinks; etc.

Friday, February 27, 1987 At 9:00 A.M.

ANTIQUE TRACTORS

1919 Model H; 16-30 Rumley oil pull; 1920 Cross Motor Case in good condition; John Deere 830 factory cab electric start 2000 hrs., Unstyled G, GP, AO, AR, A, B, H; Silver King; McCormick 10-20, F20, F12, T20; Oliver 60 Standard; power unit that fits WK40, lots of J.D. tractor parts; Fordson front wheel steel; 2 Cats restored Model 20 and 22; J.D.B.O.

GAS ENGINES

New Holland 1½ HP, 2 HP; National; Waterlooboy; E Roy; 4 HP C.H. and E; 1½ HP Can Fairbanks; 6 HP Ruston Hornsly air compressor side shaft domestic with mud pump.

MISCELLANEOUS

Chase Shingle mill with edger; Chase Shingle bundle machine; 1 horse tread power; Veridel 2 knife wood splitter; wooden chicken crates; Rumley stone mill; J.D. wall plaque; 1 horse open sleigh; I.H.C. Go Devil; New Departure wooden cultivator; J.D. middle breaker plow; Messinger corn sheller; Stover grinder; A.W. Strob grinder; Acme harrow; Mc. 6' righthand grain binder; cast iron seats; farm toy tractors and implements; J.D. peddle tractors; lots of old and new literature of antique tractors and engines; Robert Lefever the fender man and Ben Kensinger with McCormick parts will be here. We expect more items by auction day.

TERMS BY:

ELIAS S. BEILER
601 MUSSER SCHOOL RD.
LEOLA, PA. 17501

For Motel Reservations, call 717/656-2091
Not Responsible For Accidents
No Out-Of-State Checks Unless Approved
Closed Sundays

Auctioneers:
Robert E. & Jeffrey R. Martin
717-656-7770
AU-000580-L
Blaine Rentzel, and Ed Goodrich, Jr.

FOOD BY THE BARFVILLE AUX.

LLOYD M. & IRENE N. BURKHOLDER
FARM EQUIPMENT DISPERSAL
AT

PUBLIC AUCTION

SAT., FEBRUARY 21, 1987
Auction Time: 10:30 A.M.

DIRECTION: Take Route 322 West of Ephrata approx. 2 miles to Clay School Rd., turn right to farm on right. Lancaster County, PA.

CASE 970 DIESEL
with Cab, Heater, Dual Hydraulics, only 2900 hrs., in excellent condition

JOHN DEERE B w/Cultivator & Tobacco Hoers, FARMALL CUB w/Hydraulic Lift in excellent condition, includes Cultivators, Plow, Disc, Side Mower, Pulley, Front Blade & Fertilizer Attachment,

VERMEER 605 G ROUND BALER

used 2 seasons, NEW HOLLAND 718 Harvester S R Corn Head, NEW HOLLAND 271 Baler w/P T O Thrower, NEW HOLLAND 676 Tandem Spreader, Hydraulic Tailgate for 676, WHITE 4x16 Semi Mount Automatic Reset Plow, GLENCO Trailer Type 15 ft Field Cultivator w/Wings, BRILLION 8 ft Packer w/Two 4 ft Side Packers, Case 12' Disc Harrow on Transport, JOHN DEERE 400 Rotary Hoe, JOHN DEERE 494-A Corn Planter, Double Disc Openers, Insecticide Appl & Fertilizer, JOHN DEERE 1209 Hay Conditioner, JOHN DEERE #640 (Dollie Wheel) Rake, M F 9 Tooth 3 Pt Chisel Plow, NEW IDEA Wheel Rake, Century 300 Gal Field Sprayer, N I 36 ft Elevator w/3 H P Motor, 16' Flatbed Wagon w/Corn Sides, 12 5 K W P T O Generator on Transport, 3 Pt Bale Mover, Corn Drag, 4 Hydraulic Cylinders

1976 PONTIAC BONNEVILLE, AUTOMATIC

Black, only 68,000 miles, excellent condition, ALLIS CHALMERS 416, 16 H P Lawn Tractor, ZIMMERMAN HEAD GATE w/Cage, Round Hay Rack, 2 Round Hog Feeders, Minnich Bale Press, 10'x6" Auger, Supplement Tank, MOORE GT805 No Till Drill

ALSO SELLING AT SAME LOCATION, SAME DAY, FOR

MRS. PAUL H. BUCHTER
FORD 2600 TRACTOR

only 554 Hours, Power Steering like new CASE Vac Eagle Hitch, Good Tires, w/Loader & Snow Bucket, Chains for both tractors, FORD #101 3x14 3 Pt Trip Plow, New Idea #217 Single Beater Spreader 16 Ft Flat Bed Wagon w/Corn Sides, 24' Smoker Elevator, 3 Pt 2 Row Cultivator w/Hoers, Small Disk Harrow 9' Cultipacker Hay Rake Spring Tooth Harrow, Flail Chopper, New Bearings & Flails, P T O Portable Hammermill, GREIDER TOBACCO PRESS, 8,000 Tobacco Lath, Tobacco Shears & Spears, Silage Cart, Air Compressor, 2 Bicycles, Picnic Table, Fuel Tank & Pump, Lg Grind Wheel w/Motor, 12' Gate, Hog Trough & Waterer, Log Chains, Hydraulic Cylinder, Misc Wire & Lumber, Clevis, Sledge Hammer, Digging Iron, Socket Set Chicken Coop, Plus Misc Items

Auction By
LLOYD M. & IRENE N. BURKHOLDER
MRS. PAUL H. BUCHTER
339 Clay School Rd., Ephrata, PA
Phone 717-733-2972

Auction Conducted by:
J & P AUCTIONS
Paul E. Martin, Auct. AU-1601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct. AU-1509-L
Lititz, Pa. 717-665-5099

Lunch By Ephrata Menn School

AUCTION

of
FARM AND DAIRY EQUIPMENT
of
FRED AND DOROTHY BLACK
Kings Highway
1 mile South of Swedesboro, N.J.

FRIDAY, FEBRUARY 20, 1987
10:00 a.m.
Storm Date February 21, 1987

1970 Oliver 1650; 1974 Oliver 1365 w/loader (new engine 5/85); 1952 Oliver Super 88; New Holland 78 Baler; New Holland 707 Mounted forage harvester w/corn and haylage heads; 36 ft. Smoker elevator; White 5400 Plant-Aire planter; 2 Dion forage wagons; 10 ft. Oliver disk harrow; Oliver 3x16" plow and packer; Oliver 4x16" Semi-mounted plow; Hay rake; 2 row corn planter; 3 pth. scraper blade; 4 flat wagons; New Holland 23 Forage blower and pipe; New Holland 365 tank spreader; New Holland 467 Haybine; Hay tedder; 300 gallon fuel tank and pump; 320 gallon milk tank; 3 hp compressor; Vacuum pump; DeLaval milking equipment; Milk buckets and cans; Double sink; 3 - 3 hp. Electric motors; 60 ft. barn hay elevator; Cornell barn cleaner; Starline Barn cleaner; Feed carts; Misc. items too numerous to mention.

CASH OR GOOD CHECK
COWTOWN AUCTIONEERS INC.
609-769-3000

PROPERTY FOR SALE

BY SEALED BIDS ONLY ON

SATURDAY, FEB. 14, 1987
1:30 P.M.

Located app. 5 miles south of Belleville or 3 miles east of Allensville, Pa. on Front Mountain Road, which was late Fern Bratton's residence.

Description of Property

House has basement, above first floor large kitchen, living room small bedroom, bath and shower room, laundry room, summer kitchen and woodhouse attached, upstairs 4 large and 1 small room, and attic, house has electricity, running Mt. water, partially insulated. Property is on 1 acre of ground more or less with right of way to near by spring: good water supply, sealed bids must be in by day of sale-February 14, sealed bidders only will have opportunity to re-bid after bids are open. Send all sealed bids to Daniel P. Zook, R.D. 1, Box 319, Belleville, Pa. 17004, phone 717-483-6791, 7-8 AM or 8-9 PM for more information or inspection of property call above phone number. Property in nice setting and area.

TERMS OF SALE: 10% down if property is sold. Balance within 30 days time of settlement. Real Estate taxes pre-rated. Clear title and deed with property. Owner reserves right to accept or reject any or all bids.

Owner-
MARK S. YODER

Auct. Daniel P. Zook
AU-1063-L

Public Auction Register

PUBLIC AUCTION
OF
VALUABLE
FARM MACHINERY
SATURDAY, FEBRUARY 21, 1987
11:00 A.M.

Having decided to discontinue farming I will offer the following equipment. The sale will take place on my farm on Rt. 331 between Rhodesdale, MD. and Vienna, MD. Signs will be posted.

Int. 886 tractor with deluxe cab and dual wheels (1007 hrs), Int. 856 tractor (2536 hrs), M.F. 510 Combine w/15 ft. floating cutter head, 4 row cornhead, Mud Hog attachment, Set of Dual wheels for combine, 1979 International truck 1900 series w/5 speed shift, 2 speed rear, New Meadows grain body (inspected) (43,164 miles), 5 HP roto-tiller, 300 gal. Lely sprayer, Int. 3 pt. 7 ft. mower, N.H. Side delivery rake, 2 flatbed wagons, 24 ft. elevator, N.H. 276 baler w/bale thrower, N.H. 320 baler with hyd. bale tightener, Wagon w/funnel grain body, Int. 21 tine grain drill w/packer wheels model 5100 Soybean Special, Kinze no till planter 4 row corn 7 row bean, Woods 6 ft. rotary chopper, 3500 Bu. Read grain bin, Int. 6 bottom semi-mounted plow, Int. 13 ft. disc, Brillion 15 ft. packer, Int. 15' 3 pt. Springtooth, 10 ft. Ferguson chisel plow, Ferguson ditcher, Int. 4 row cultivator, Brillion 4 row vibra shank cultivator, 3 pt. Vican fert. spreader, Little Big Red fert. spreader 2 section drag. Many items too numerous to mention.

TERMS: Cash day of sale. Checks w/approved credit.

Owners:
MR. & MRS. CHARLES BELL
Walton P. Taylor, III
Auctioneer

Auction Note: This equipment is all in A-1 condition in appearance and condition. Loading available.

PUBLIC SALE
of 74 Acre Farm
in high state of cultivation,
also 2 Mobile Homes
SAT., MARCH 14, 1987
at 2:00 P.M.

Located in Brecknock Twp., Lancaster County, Pa. From Ephrata take Rt. 272 north past turnpike exit 21 to Rt. 897 go south on 897 to 2nd road left Gehmans School Road turn right on orchard road 1st farm on left.

(Farm House)
2½ story 4 bedroom with large kitchen, dining room, living room and bath.

(Bank Barn)
Barn would make ideal dairy set-up, has room for 50-60 feeder cattle, box stalls and room for hogs. Hog barn, work shop, three implement storage sheds, two 10x40 concrete silos, and large round corn crib. Barn has gravity flow spring water, also a never failing spring situated in yard in spring house.

Land consists of 56 acres highly productive terraced and strip farmed, approx. 200 apple and peach trees, balance woodland and pasture, nice clean spring fed pond, over 1000 ft. road frontage along orchard and Staver Roads, 2 lanes exit to roadways. Buildings set back off highway approx. 1200 ft.

Also at same time and place 2 mobile homes will be offered for sale 12x60 - 2 bedroom in good condition and 10x50 mobile home would be o.k. for hunting cabin, both are ready to move anytime.

TERMS ON FARM: 10% down on day of sale, balance to be paid by April 1st. Inspection of farm by appointment anytime by calling 215-445-5704.

AUCTIONEERS NOTE: This well-kept farm is being made available for sale due to the present owners purchasing of out of state farm. Don't miss this opportunity to become the owner of this very desirable farm in lovely location.

Terms by
AMZIE & SUZANNA ZIMMERMAN
Auctioneers:
LeRoy S. Horst & Paul W. Horst
000-436-L
215-445-6181

SAT. FEB. 28 - 11AM Farm Eq, HH. 2 mis. N. of Lititz, 1½ mis. S. of Brickerville. First farm on right S. of the Brubaker Valley Rd., along Reifsnyder Rd., Lanc. Co., PA. Melvin M. Martin, Owner. Diffenbach's Aucts.

MARCH

MON. MAR. 2 - Farm Mach. Landisburg, Perry Co., PA. Dean Pannebaker, Owner. Kling's Auction Serv., Sale Mgrs.

MON. MAR. 2 - Full Line Modern Farm Eq. S. of Elizabethtown, PA, off Rt. 743 along Rutt Rd. Sale by: George B. Martin. Raymond Miller & Rufus Geib, Aucts.

MON. MAR. 2 - Ag-Industrial Eq. Co. Farm Machinery Auction. 1207 Telegrah Rd., Rt. 273, Rising Sun, MD.

MON. MAR. 2 - 10:30AM Horses, Mules, hay, corn and farm machinery. Located in Clinton Co. 2 miles NE of Loganton, PA. along Rt. 880. Emanuel K. Peachey, owner. Mark Glick, Auctioneer.

MON. MAR. 2 - 12 Noon Dispersal for Marion & Raymond Shertzer, Washington Boro, PA, of 80 Head Cows & Heifers, 40 to be sold at Smoketown Quality Dairy Sales, Smoketown, PA, Rt. 340. Gordon Fritz, Manager. John Stauffer, Auct.

TUES. MAR. 3 - 9AM Farm Machinery, Antiques, HH. 18 mis. S. of Lancaster, 5 mis. S. of Buck, along Rt. 272, in the little village of Hensel, 3 mis. N. of Wakefield. Terms by: Fred & Grace Kreider & Son. Lloyd Kreider, Randal Kline, Roy Good, Gary Shirk, Aucts.

WED. MAR. 4 - Farm Mach. Carlisle, PA. Donald Ellerman Estate. Kling's Auct. Serv.

WED. MAR. 4 - 9:30AM Farm Mach., 15 Head Heifers, few HH. Located 1 mi. W. of Gap on Mine Rd., PA. Ben S. & Mary E. Lantz, Owners. Steve Petersheim & Steve Jr., Aucts.

WED. MAR. 4 - 11AM Solanco Community Farm Eq. Consignment Sale. 1 mi. S. of Quarryville on Rt. 222 at the Crossroads of Rt. 222 and Solanco Rd., Lanc. Co., PA. Managed by: Pennstar Farm. E Kreider, Bucher & Heaps, Aucts.

THURS. MAR. 5 - Registered & Grade Holsteins and Farm Mach. About 2 mis. E. of Belleville, PA. Enos J Yoder, Jr., Owner. Mark Glick, Auct.

THURS. MAR. 5 - 9AM Messick Farm Eq. Annual Farm Equipment Consignment Sale. Messick Farm Eq., Elizabethtown, PA. Raymond Miller, Auct.

THURS. MAR. 5 - 9AM Big Poultry & Grain Farm Mach. Auct. For: Osborn Poultry & Grain Farms, Cream Ridge, NJU. Col. Col. Fred R. Daniel, Auct.

THURS. MAR. 5 - 11:30AM Complete Dairy Herd Dispersal, 47 Highly Productive Holstein Cows, Bred & Open Heifers, Dairy Eq., Mixed Hay, Straw & Ear Corn Location: Turn off Rt. 30, 3 mi. east of York, thence turn north onto Rt. 24, 6 mi., then take Long Rd. east ½ mi., then turn left on Gravel Hill Rd., York Co. Leroy H. and Blanch Hertzler, Mt. Wolf, RD1, PA. Clair Slaybaugh, Auctioneer.

FRI. MAR. 6 - 9AM Machinery. At the Belleville Livestock Mkt., Belleville, PA.

PUBLIC AUCTION
Discontinuing farming, the undersigned will sell on the farm, located west of Hagerstown, MD and 4/10 mile west of I-81 on Route 58 to Broadfording Road, west 2 miles on Broadfording Road to farm.

SATURDAY, FEB. 21, 1987
at 10:00 a.m.
TWO TRACTORS AND SKID LOADER

Ford 7700 diesel tractor, W.F., power steering, dual power & hydraulics, load monitor, new 18x34 radials, 1000 & 540 P.T.O.; Ford 4000 diesel tractor, W.F., power steering, dual hydraulics; Ford CL40 skid loader w/Ford water cooled gas engine & material bucket; 5 ft. manure fork & bale spear sells separately; Ford tractor front weights.

MACHINERY

Int. 700 4/16 automatic reset plow; John Deere 210 transport 12 ft. disc; Brillion 16 ft. transport spring tooth harrow; Massey Ferguson 3 pt. 12 ft. rotary hoe; 14 ft. wooden drag.

Int. 10 16/7 disc grain drill; Oliver 4 row plate planter, no till w/dry fertilizer boxes; Gehl 600 forage harvester; new style grass head & 2 row narrow corn head — both heads like new & selling separately; 2 Dion 16 ft. silage wagons, 3 beater & roofs; Clay 16 ft. silage wagon, 3 beater & roof; Dion hopper blower.

New Holland 489 haybine; N.H. 258 rake, 1 yr.; N.H. 269 hayliner baler w/kicker; 18 ft. wagon w/hay sides; Woods 3 pt. 6 ft. rotary mower; 3 pt. round bale mower; tandem wheel round bale trailer; 20 ft. mow conveyor.

Kilbros 350 gravity box on 8 ton running gears; New Idea tandem manure spreader w/top beater & hydraulic end gate; Clay 800 gal. honey wagon; 300 gal. trailer mounted field sprayer w/35 ft. booms; Snyder 150 gal. poly tank w/saddle; 250 gal. diesel fuel tank w/hand pump, on skids; Steinhorst 100 gal. milk tank, self contained; 2 four unit calf hutches; magnetic feeder; 2 wooden & 1 metal round bale feeders; 12 ft. metal & 16 ft. wooden hay racks; 5 metal portable feed troughs; one horse wagon & seat.

12 ft. metal tandem cattle trailer in excellent condition; MD inspected.

1969 Chev. ½ ton pickup w/6 ft. body, V8, P.S., automatic.

SHOP, LAWN & GARDEN TOOLS

Commercial size radial arm metal cut off saw w/2 HP motor; welding table; angle iron, pipe plate for welding; shop heater; 1 to 5 HP elec. motors; other shop items; Merry Tiller; Ford 85 lawn tractor; 2 rotary power mowers; bu. & other baskets.

GRAIN EQUIPMENT

2 American 75 bu. batch dryers, LP gas fired; 9 in. vertical 36 ft. augers; 6 in. grain augers, 6 to 20 ft; 6 in. down spout, 2 way valves & other down spout connectors; 6 in. 8 hole distributor head; 30 ft. 4x5 bucket elevator; commercial continous flow dump scale.

IRRIGATION EQUIPMENT

Hale P.T.O. irrigation 4x4 pump w/6 in. quick connect suction line w/screen; approx. 1000 ft. of both 6 & 4 in. irrigation pipe w/Wade Rain connections; 2 Rain Bird 100B big gun nozzles on wheels; 24 degree angle Nelson 100 big gun nozzle; Rain Bird 1 in. sprinklers, 70B & 70E; extra Wade Rain 4 & 6 in. connectors, elbows, T's reducers, 6 to 4 valve connectors, plugs & other vegetable growing related items.

Note: The Ebys have planned their sale, having sold the dairy herd in Dec. 86. Machinery is field ready in very good condition.

Sale Order: Small items selling first w/tractors, truck & machinery beginning approx. 12:00 noon followed by irrigation & grain equipment.

TERMS: Cash—Not responsible for accidents.

ELDON & BETTY EBY
Phone (301) 797-7134
AUCTIONEER: Robert C. Mullendore
Boonsboro, MD
Phone (301) 582-0546
CLERK: C.L. Metz
—LUNCH RIGHTS RESERVED—

PUBLIC AUCTION
13 ACRE FARM
THURS., FEBRUARY 12, 1987
at 10:00 A.M.

Located at north end of Bowmansville at junction of Rt. #625 and Lauchtown Road, Brecknock Twp., Lancaster County, Pa.

House
2½ story, 1st floor has large new kitchen and dining area, family room and living room. 2nd floor has 3 bedrooms and full bath.

Barn
Frame bank barn with new metal roof, upper area used for hay & straw storage, lower area stable for approx. four horses and ten head of cattle, also several other out buildings, all buildings are in good condition.

Land
Approximately 13 acres all open ground no woodland. Approx. 8 acres tillable balance in meadow and building area. Terrain gentle slope. Zoning is Residential Medium. Water supply by well and pressure system. Public sewage.

Inspection anytime by appointment.
10% down day of sale, final settlement on or before March 28, 1987.
Elton Horning Farm Agency 215-286-0135

Terms by:
MAHLON & ADA HORNING

Elton Horning Auctioneer #000434

PUBLIC SALE
SATURDAY, MARCH 28, 1987 10:00 A.M.
Location: 2 mile west of Rising Sun, Md., along Route 1. 5 mile east of Conowingo traffic light. Enter driveway where Rte. 273 and Rte. 1 divide.

FARM MACHINERY & TOOLS

International 886 w/cab, 3750 hrs. (nice).
White 2-75 4WD 1150 hrs. (excellent) w/white 1730 QA loader.
New Idea 702 diesel Uni.
760 Chopper w/3 row narrow & 2 row wide hay pickup.
727 Cornhusker unit (good).
725- 3 row stripper plate.
710- Combine w/11 ft. grain head.

International 1890 truck 392V8, 16 ft. grain body w/hoist; Int. 700 plow; AC 2300 disc 14 ft. transport; Crust buster 9 ft. chisel plow 3 pt.; 10 ft. cultipacker; IH 400 cyclone; 6 row corn planter no till (30 in.); 2-32 ft. elevators w/motors (Little Giant); large bin wagon 8 ton gear; Grove forage wagon new running gear w/new flotation tires; Int. 51 forage wagon; 2-18 ft. flatbed wagons (new beds); 27 Int. baler; 990 Int. mower conditioner; N.H. 56 hayrake; Grimm tedder; New Idea 279 cutditioner; Gehl 95 grinder mixer.

John Deere 4400 diesel Combine, 13 ft. grain head

Int. 595 346 bu. tandem manure spreader w/hyd. endgate; IH 550 manure spreader; IH 7x16 grain drill; Fox pull type chopper w/hay pickup hyd. spout control; Hesston 30A stacker (3 ton); 30 stack mover; A.C. blower; tandem axle tilt cart; post hole digger; 1½ sack 3 pt. cement mixer; 30-KW Fidelity alternator; Snyder 550 gal. supply tank, w 1½ hose & float; 175 ft. clay barn cleaner chain (nearly new); 16 ft. roof auger w/1½ H.P. motor; locust gate post & others.

TRUCKS

1983 Nissan king cab pickup (super); Dodge 200 pickup 4 wheel drive; 30 ft. Century slide in sprayer; 8 ft. slide in livestock rack; Bolens 1256 tractor mower blade & roto-tiller.

DAIRY EQUIPMENT

1500 Girton milk tank 5 HP brunner; 1½ in. DeLaval pipeline receiver jar milk pump; #76 vacuum pump 3 HP motor; S.S. double wash tubs; dehorners; hig sling; cow clippers; X branding iron; 2-300 gal. Pro-mo liquid feeders; 3 calf hutches.

SHOP TOOLS

Lincoln 225 welder; air compressor; 7 cu. ft. min. air tools; ¾ in. drive socket like new; ½ in. drive socket impact; 20 in. Echo chain saw; Echo weed eater; wrenches, hammers, diggers, shovels, elec. tools saw sander, drills. Many other articles not mentioned. App. 5 ton baled hay; 400 bale straw; 20 ton silage in trench; 200 bu. ear corn.

Terms by
GEORGE T. MacDONALD
301-658-5023

J. Everett Kreider
Bucher & Heaps, Aucts.
AU512L

Lunch Furnished

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

FRI. MAR. 6 - 9AM Dairy Heifers & Springers. Consignment Farm Mach. etc. 3 mis. NW of Port Trevorton off Rt. 15. Terms by: James & Erhan Martin. Harold Fraley & Brian Imes, Aucts.

FRI. MAR. 6 - 10AM Horse Sale at New Holland Sales Stables, New Holland, PA. Abe Diffenbach, Manager.

FRI. MAR. 6 - 10AM 200 Head Holstein Dairy Cattle. 30 mis. W. of Cochranville on Homeville Rd., Chester Co., PA. Wm. E. Parry & Sons, Owners. Whitford Sales Co., L. Robert Frame Sr. & Sons, Aucts.

FRI. & SAT. MAR. 6 & 7 - 10AM Ea. Day. 17th Annual 2 Day Consignment Sale of all types of Farm Eq. to be held at the Donald Scheese Farm, RD#3, Elmer, NJ. 609-455-3462. Consignments accepted up to Thurs., Mar. 5. Blaine Rentzel & Clyde Wolgemuth, Aucts.

SAT. MAR. 7 - Bart Twp. Fire Co. All Day Sale of Horses & Mules, Farm Eq., Hay & Straw, Building Materials, HH. Located Village of Georgetown on Rt. 896. Lanc. Co.

SAT. MAR. 7 - Farm Mach. RD #3, Newville, PA. C Everett Warner & Rodney Nailor, Owners. Kling's Auct. Serv., Sale Mgrs.

SAT. MAR. 7 - Robert Reherd Farm Machinery Sale. Airville area, York Co. J. Everett Kreider, Auct.

SAT. MAR. 7 - Farm Eq., HH. 2 mis. S. of St. Thomas, Franklin Co., PA. Roy Sollenberger. J. Robert Meyers, Auct.

SAT. MAR. 7 - Annual Farm Eq., Lawn & Garden, Industrial, Cars & Trucks Sale. Straley Farm Supply, Inc., Dover, PA. On Rt. 921, just off Rt. 74 and I-83, Exit #12.

SAT. MAR. 7 - 9AM Horses, Cattle, Hogs, Old Engines, Farm Mach. Mifflin Co., 2 mis. NE of Reedsville, PA, on Church Lane. Eli J. & Barbara Yoder, Owners. Mark Glick, Auct.

SAT. MAR. 7 - 9AM Farm Eq., HH. Located approx 1½ mis. W. of Millheim on Rt. 45. Matthew & Lois Smith, Owners. Leon J. Smith, Jr. & James T. Smith, Aucts.

SAT. MAR. 7 - 9AM Farm Mach., Truck, Tractors, Tools. 4 mis. S. of Mt. Holly Springs on Rt. 34 to the Village of Goodyear thence turning E. onto The Goodyear Rd. 2 mis. to sale lin S. Middleton Twp., Cumberland Co., PA. Lester F. Starner, Owner. Clair R. Slaybaugh, Auct.

SAT. MAR. 7 - 9:30AM Farm Equipment & Dairy Heifers. Located along Rt. 422, 3 miles West of Myerstown or 4 miles East of Lebanon. Turn North on Halfway Dr., approx. ½ mile to sale. North Lebanon Township, Lebanon Co. Terms By: Christian H. & Eva M. Kurtz. Horning Farm Agency Inc., Auct. 215-286-5183

SAT. MAR. 7 - 9.30AM Farm Eq. & Tools. David H. Martin, along New Holland Road, 1 mi. S. of New Holland. Nevin Martin & Lewis Groff, Aucts.

RALPH THIMLAR ESTATE

FARM EQUIPMENT

AUCTION

HARLAN, INDIANA

SATURDAY MORNING, FEBRUARY 14, 1987

At 10:30 AM E.S.T.

Due to the death of Mr. Ralph Thimlar at 76 years of age, we will sell this SUPER SHARP line of equipment LOCATED 12 miles northeast of Fort Wayne, Indiana on State Road 37 or 1¼ miles northeast of Harlan, Indiana on State Road 37.

AUCTIONEER'S SPECIAL NOTE: This is the SHARPEST line of equipment SCHRADERS have ever sold! Ralph and Mable would only have the BEST, and they kept everything in immaculate condition!

PLEASE NOTE: Less than 15 minutes of small items. PLEASE DON'T BE LATE. Loader tractor available sale day. PRIOR VIEWING OF EQUIPMENT on Saturday, February 7, 1987, from 9 AM to 4 PM; and Sunday, February 8, 1987, from 1 PM to 4 PM.

IHC 1460 COMBINE - IHC 820 PLATFORM

1981 IHC 1460 combine, diesel, hydro, 30.5x32 tires, 11.2x24 rear tires, fully equipped, like new with ONLY 297 hours, never in corn; 17½' IHC 820 grain platform.

(2) 1984 IHC 5088 DIESEL TRACTORS
1973 IHC 1466 DIESEL TRACTOR
FARMALL "H" TRACTOR w/SPRAYER

1984 IHC 5088 diesel tractor, western cab, air, heater, 3 pt., triple remote, 540/1000 PTO, 18.4x38 radial tires, hub mount duals, new with ONLY 7 actual hours; 1984 IHC 5088 identical to tractor above with ONLY 309 hours; 1973 IHC 1466 diesel tractor, 3 pt., dual remote, 540/1000 PTO, 18.4x38 tires, duals, 4169 hours; Farmall "H" tractor, 13.6x38 tires, 110 gal. fiberglass rear mount tank and front mount boom.

1982 6x30" IH 800 PLANTER - 1983 IH 5100 DRILL
(2) 4x16" IH 700 PLOWS - NEW BRILLION 23'
X FOLD CULTIPACKER - 22' BRILLION CULTIMULCHER
(2) 22' GLENCOE FIELD CULTIVATORS - IH 490 DISC
IH 470 DISC - 22' HARROGATOR - 20' IH 300
ROTARY HOE - NEW 6x30" IH 183 CULTIVATOR
(2) 6x30" IH 153 CULTIVATORS - WALSH SPRAYER
NITROGEN APPLICATOR - IH WEEDER
(3) SPIKE TOOTH DRAGS

1982 6x30" IH 800 Early Riser planter, dry fertilizer, furrow openers, corn & bean drums, herbicide, insecticide, monitor; 1983 21x7" IH 5100 grain drill, staggered double disc, firming wheels, markers, grain only; New 23' Brillion X fold cultipacker; 22' Brillion cultimulcher w/single bar Remlinger harrow, hydraulic fold and hydraulic set teeth; (2) 22' Glencoe 300 field cultivators, hydraulic fold, hydraulic lift assist on wings, floating axle, 3 bar Remlinger harrow; 24' IH 490 hydraulic fold disc, 7½" spacing; 17½' IH 470 dual wheel wing disc, 7½" spacing; (2) 4x16" IH 700 semi mounted plows w/spring loaded coulters; 22' Harrogator, hydraulic fold; 20' IH 300 rotary hoe, end tow; New 6x30" IH 183 cultivator, vibra tine; (2) 6x30" IH 153 cultivators; Walsh sprayer, fiberglass tank, 500 gal., lift pump, 40' boom; 9 knife 1984 Bridge Manufacturing NH3 applicator, hydraulic fold, disc closers; IH weeder; (3) spike tooth drags.

IH 9' SICKLE BAR MOWER - 7' IH 411 ROTARY
MOWER - (5) HOPPER WAGONS - GRAIN AUGER
ELEVATOR - LIME SPREADER - IMPLEMENT TRAILER
WEIGHTS - 2 WHEEL TRAILER - LP HEATER
WELDER - TOOL BOXES - WRENCHES - CHAIN SAWS

9' IH 120 semi-mounted sickle bar mower; 7' IH 411 pull type rotary mower; Killbros 400 gravity wagon w/12 ton Killbros gear, 9.00x20 tires; (2) Killbros 300 gravity wagons w/gears; Augermate hydraulic pump w/gas engine; Hydraulic auger; (2) Killbros 150 gravity wagons w/gears; 25'x6" auger on transport w/8 HP Briggs & Stratton engine; 40' New Idea double chain elevator on transport; New Idea 121 lime spreader; 8'x14' Zimmerman implement trailer w/tilt bed; 4'x7' 2 wheel trailer; suitcase weights; 2 pt. fast hitch; 3 pt. to 2 pt. adaptor; 150,000 BTU Bryant Model 335 LP gas heater; Lincoln 225 amp welder; tool box; wrenches; Stihl 011AV 2.5 engine chain saw; 2 man Mercury Disston chain saw; ¾ HP Continental bench grinder; jack stands; corn planter plates; air grease gun; hand grease guns; extension cord; new mold boards; portable air tank; shovels.

1964 FORD TRUCK - ANTIQUE DRILL
& PLANTER

1964 Ford N700 truck with 50,641 actual miles, new engine fall of 1985, new generator, voltage regulator, battery fall of 1986, 5 speed transmission, 2 speed axle, Garwood hoist and 14' grain bed with 5'2" sides; 1 horse 5 hole grain drill.

TERMS: Cash

Lunch Served. Not responsible for accidents.

Owner: **RALPH THIMLAR ESTATE**
Dave Hertig (219) 657-5622

AUCTION CONDUCTED BY:
Rex D. and Denzil Schrader
SCHRADER REAL ESTATE & AUCTION COMPANY, INC.
209 W. Van Buren, Columbia City, IN 46725
Phone: 219-244-7606 or Ft. Wayne 625-3373
OR CALL WALT WEBSTER 632-5413 -
YOUR LOCAL SCHRADER REP.

EMMA K. STEIGERWALT ESTATE

70 A. FARM OR 2 PARCELS,
ANTIQUES, HOUSEHOLD, TRACTOR &
ANTIQUE FARM EQUIP.

SATURDAY, FEB. 21, 1987

9:30 A.M.

Located 6 Mi. S. of Tamaqua, 12 Mi. W. of Lehighton, 25 Mi. N. of Allentown, off Rt. 443, close to Mahoning Valley Public Golf Course, West Penn Twsp., Sch. Co.

REAL EST: 70 A. Family Farm located in beautiful Mahoning Valley, excellent location close to Public Golf Course, to be offered as 2 parcels or entirety.

PARCEL #1: 60+A. level to rolling land, open/wooded, road frontage, features 2½ story Victorian style country home, 6 rms, bath, attic, basement & enclosed porch.

PARCEL #2: 10+A. level/open land w/2 story bank barn.

Terms: Real Est. 10% down, bal. in 60 days, other terms da. of sale.

Inspection: Sun. Feb. 8, 1:30 to 4 P.M. or call Auct. for appointment.

Sale by
EMMA K. STEIGERWALT EST.
Wm. L. & Herman H. Steigerwalt Execs.
Bruce Waltman, Atty.

Houser Aucts.
AU-000445L
717-386-5631 or 215-799-2396

OUSER
#AU 000445L
717-386-5631
717-386-2191 215-799-2396

PUBLIC AUCTION

of
Farm Equipment
for
DeSIMONE BRO

SAT., FEB. 14, 1987

Storm Date Feb. 18, 1987

47 Quaker Rd., Mickleton, N.J.
(Turn at school on Kings Hwy.)

1976 Porto Way Tomato Harvester 2 6 Bin Pallet Wagons, 1974 J Deere 4430 Wide Front Tractor Set Dual Wheels for J Deere, 1969 J Deere 2520 Wide Front Tractors, 1968 F 600 Ford Truck w/Flat Body, 1965 G M C 500 Truck w/20' Steel Body w/Sides J D 12 Ft Fert Drill, Oliver 5 16" Semi Mt Plow 3 Row Gandy Insect Applicator w/Tool Bar 3 J D Model 71 Planters, 3 Mechanical Transplanters, 2 15 ft Tool Bars 3 Row J D Hydraulic Driven Fert Drill, 3 P T H Century 200 gal Sprayer w/Elect Controls, J D Model 215 14 ft Disk Harrow J D Model 950 12 ft Roller Harrow, 2 Bottom Sweet Pot Plow 3 Row Oliver Rear Mt Cult 1 Row Vine Cutter 2 4 Wheel Wagons 3 P T H Log Splitter 3 P T H J D 7 Ft Rear Blade 3 P T H J D 5 ft Mower 2 125 gal Poly Tanks w/Mt Brackets Rotator for Forklift 1-5 H P Transfer Pumps 1000 Gal Water Tank 250 Gal Fuel Tank 2 150 Gal Fuel Tanks Hot Bed Sash Rafters Shop & Crib House Tools Irrigation Equipment

Ford V8 w/1200 Gal 6x6 Marlow Pump 100 Pcs 40 x4 Pipe 65 Pcs 40 x6" Pipe Elbows 45 s Stands Field Guns Suction Lines 3 Irrigation Pipe Trailers

40x35 Ft Wickes Building

Autioneers Note: All equipment in this sale has been housed and taken very good care of. Coming off Del. M. Bridge or Com. Barry take 295 N and get off at Harmony Rd. exit (Watch for Don Chev) follow signs.

Ralph D. Hughes
Auctioneer
589-6454
Day of Sale 423-0009

TERMS- Cash or Good Check. No Out of State Checks unless with bank letter of credit.

Lunch Available

PUBLIC AUCTION

New Holland Sales Stables, Inc.
New Holland, Pa.

Tractors & Horse-Drawn Farm Equipment-Supplies-Small Items

FRIDAY, FEBRUARY 13, 1987

SALE OF SMALL ITEMS 9:00 A.M. **FARM EQUIPMENT 10:00 A.M.**

#730 Case Tractor; 150M Case Uniloader; (2) Farmall Tractors; Oliver Tractor; JD #620 Tractor good shape; (2) Fordson Tractors cleet wheels; JD Model A w/front end bucket Loader; 3 horse drawn wagons; bag wagon; (2) Delivery Wagons; Model T Ford Truck ½ ton; Tag-Along Trailer; JD Manure Spreader; Cultipacker; 740 Model 472 NH used Haybine, engine mount for Wisconsin engine; 200 to 300 Locust Fence Posts, split and dried; 100 like new collars, many Irish for equipment; 1984 neck-over 24' flat bed trailer w/winch and vacuum air hydraulic brakes; 1978 Phillips gooseneck 22' livestock trailer; Mennonite carriage, good condition 2 seater; 3 pt. plastic mulch layer.

New Customers and out of state buyers must have current bank letter of credit with guaranteed amount or cashier checks

For more information contact Abe Diffenbach or Norman Kolb at 717-354 4341

NEXT FARM MACHINERY SALE MARCH 13, 1987

Abe Diffenbaugh, Manager

Public Auction Register

SAT. MAR. 7 - 9:30AM Farm Eq., HH, Antiques. Located along Newswanger Rd., 1 mi. E. of Hinkletown, Ephrata Twp., Lanc. Co., PA. Terms by: Alvin H. & Anna Weaver. Paul W. Horst & John Fry, Aucts.

SAT. MAR. 7 - 9:30AM; Real Estate 2PM. Lot 147 Perches, 2½ story frame dwelling. Located 171 E. Main St., village of Bareville, between New Holland and Leola. Terms by: Esther, Edna and Grace Wenger. Robert E. & Jeffrey R. Martin, 717-656-7770. Frank L. Steller, Aucts.

SAT. MAR. 7 - 9:30AM Utility Vehicles. New York State Electric & Gas, Binghamton, NY. Vilsmeier Auct. Co., Inc.

SAT. MAR. 7 - 9:30AM Real Estate, HH, Antiques, Car & Coins. Between New Holland & Leola at 171 E. Main St., Leola in Bareville. Terms by: Esther, Edna & Grace Wenger. Robert E. & Jeffrey R. Martin, Frank L. Steller, Aucts.

SAT. MAR. 7 - 10AM Consignment Farm Eq. & Hay & Straw. RD1, Marietta, Lanc. Co., PA. From Rt. 30 take Columbia Exit, Rt. 441 N. to second red light right on Rt. 743 N. approx. 3 mis. left on Donegal Springs Rd. From Rt. 283 off on Elizabethtown/Hershey Exit, take Rt. 743 S. for approx. 7 mis. right on Donegal Spring Rd. All American Auction Service.

SAT. MAR. 7 - 10AM Farm Eq., Tools. Located between Lincoln and Brunnerville, PA. Allen W. and Bertha W. Weaver, Owners. Paul Martin & John D. Stauffer, Aucts.

SAT. MAR. 7 - 10AM 33 Dairy Cows, Farm Machinery. 1102 Birmingham Rd., West Chester, PA. Take Rt. 472 S. of Quarryville to Rt. 1 N. to Rt. 100, turn N. on Rt. 926, go to first crossroad Birmingham Rd., turn left, first farm on left, or from Rt. 202 S. of West Chester, to Rt. 926 W., approx. 1 mi. Terms by: Millard & Juanita Wagner. Lloyd Kreider, Randal Kline, Roy Good & Gary Shirk, Aucts.

SAT. MAR. 7 - 10:30AM Farm Mach. Abe Peachey Farm, 1 mi. N. of Lewisburg Evangelical Hospital. On Hospital drive. Turn W. off Rt. 15 at traffic light at hospital, 2 mis. N. of Lewisburg, PA. Peachey Bro. Dairy, Owners. Earl W. Esh, Auct.

MON. MAR. 9 - Consignment Sale. Farm Machinery & Related Items. Lebanon Fair Grounds. Held by: Lebanon Valley Auction Co. For information: 717-866-2135 or 717-272-4641

MON. MAR. 9 - Modern Farm Eq. Along Strickler Rd. just off Mt. Joy/Manheim Exit of Rt. 283. Sale by: Marlin Shellenberger. Raymond Miller & Rufus Geib, Aucts.

TUES. MAR. 10 - Farm Eq. & HH. Martin W. Zeiset, along Churchtown Rd., 1½ mi. S. of Churchtown. Nevin Martin & Lewis Groff, Aucts.

TUES. MAR. 10 - Dairy Herd Dispersal. RD, Mechanicsburg, PA. Norman Hertzler, Owner. Kling's Auct. Serv.

TUES. MAR. 10 - 9:30AM Full Line of Farm Eq. Located along Kraybill's Church Rd., near Mt. Joy, PA. By: Marvin Nissley. Raymond Miller, Auct.

CARROLL'S CONSTRUCTION EQUIPMENT AUCTION

Public Welcome

CARS • TRUCKS
LOADERS • MORE!

Friday, February 13, 1987
11 a.m.
Felton, Delaware

CONSIGN NOW!
Call or write for consignment forms

CARROLL'S SALES COMPANY, INC.
AUCTIONEERS
P O Box 307
Felton, Delaware 19943
(302) 284-4911
284-4541

RENTZEL'S AUCTION BARN

FEBRUARY 12th & 13th, 1987

NOON EACH DAY

GLASSWARE, JEWELRY, PAPERAMERICANA, STERLING & GOLD PCS., ETC.

SALE INCLUDES A PRIVATE COLLECTION FROM DAUPHIN COUNTY, PA.

LOCATED: 1 1/10 Mile North of Manchester, PA Along Rt. 181, Turn Right at White Rock. "Watch for Signs."

THURSDAY, FEB. 12 12:00 NOON

Spode China (service for 4), Majolica Pitchers, Roseville Vase, Soft Paste Plates, Limoge, Lennox, Steubenville, and Bavarian China Pcs.; Green Fiesta Pitcher, Cloissenne Dishes, Ruby Glass Vase, Ivory Salt & Pepper Shakers, Staffordshire & Satin Glass Lamps, Opalescent Glassware, Tall Urns, 24" German Stein, Some Depressionware, Parian Bisque Doll, Madam Alexander "Genius" Doll, Homemade Wooden Doll Furniture, Grace Drayton & Dolly Dingle Paper Dolls, Tin Wind-up "Ice-Cream Man", Wallace Nutting "Birchwoods" Print, NC Wyeth Prints, Frames and Mirrors, Comic Books (1940's and 50's), Bradford County History (1700-1800), Victorian Album Cards, Civil War Newspapers, Civil War Bullets, American Legion Convention Badges, Advertising Badges, Hat Pins, Costume Jewelry, Watch Fobs, Bangle Bracelets, Rings, Hampden Pocketwatch, Sterling Jewelry, Sterling & Silver Plated Pieces including Salt & Pepper Shakers, Sewing Trays, Spoons, Tea Set, Candlesticks, Proof & Mint Sets, School Slate, Banjo Wall Clock and Much More!!!

FRIDAY, FEB. 13 12:00 NOON

Rings including 14K Art Deco w/8 Rubies and approx. ½K in Diamonds, 14K White Gold w/approx. 40 Pt. Diamond, 14K Art Deco w/10 Rubies and 1 Full K in Diamonds, 14K Dinner Ring w/5 Emeralds and 4 Rubies, 14K White Gold w/85 Pts. in Diamonds, 14K White Gold w/Black Onyx and Sm. Diamond, 14K 7 Diamond Engagement Ring, Charms, Jade Beaded Necklace, Bar Pins, Sterling S&P Shakers, Victorian Fobs and Chains, Hurbert Humphrey Badges and Other Political Badges, American Fireman Print, Civil War Letter in Original Envelope, Paper Weights, Candlewick Pcs., Kerosene Lamps, Roseville Double Vase, Bisque Figurine, Ruby Glassware, Bisque Head Dolls, Heisey Dishes, Figurines, Cast Iron Amish Horse and Buggy, Handmade Doll Cradles, Comp. Dolls, Baby Buggy, Beaded Bags, Tin Toys and Banks, Thimbles, Autographs, Post Cards (1890-1910), Prints, Walking Canes, Christmas Ornaments, Tobacco Cards, Bayonet, Copper Lantern, Hook Rugs, Comfort w/Fan Design, Beer Clocks and More!

TERMS: CASH OR GOOD CHECK

NOTE: All merchandise is inventoried and numbered. First 325 lots will be sold Thursday and remainder on Friday. Furniture will be added to Thursday's sale. For complete list contact auction office 8-5 weekdays.

OFFICE: (717) 764-6412
AUCTION BARN: (717) 266-1671
RENTZEL'S AUCTION SERVICE
Blaine - Nevin - Ed
#761 - #1442 - #1329

PUBLIC AUCTION LIQUIDATION

EXCLUSIVE BAR, LOUNGE AND RESTAURANT

Equipment removed from Strawberry Square in Harrisburg, Pa.

Equipment removed to
ANTIQUES WORLD AUCTION ROOM
Located on Rt. 15,
Mechanicsburg, R.D., Pa.
Approx. 7 miles from Harrisburg, Penna.

TIME: SAT., FEB. 14, 1987
at 9:00 A.M.

Blizzard Date:
SUN., FEB. 15, 1987
at 9:00 A.M.

Approximate $250,000 worth of first class and modern equipment
125,000 worth of Stereo, Video and Lighting equipment

18 sect. of Lighted Dance Floor, Light walls, 40 Dance Chasers, 16 rotating light sweepers, 8 speakers, 4 woofers, 17 stage lights, music machine, Sony cameras, 2 Video Detailers, 15 Zenith Color Monitors, 2 Spec. Elec. Tonics, 46 Bar Lights, 16 Emergency Lights, 13-16 way Chasers, 4 Turn Tables, 4 Lg. Strobes, 15 Slide Projectors, 15 Speakers, 7 Mirror Balls and Spin. Spots, Cassette Decks, 4 Beacons, Lite Tracks, Mic. Mixers, Screens, Mix. Board, and hundreds of other items related to this first-class Entertainment Center. Call for complete brochure.

FURNITURE AND OFFICE EQUIPMENT

8 Theatre Stands with ropes, 28 Ashtrays, 12 Banquet Tables, 50 Table Tops, 329 Bar Stools, 33 Stack Chairs, 45 Wicker Chairs, 13 Wicker Tables, Table Bases, Table Tops, Booth Bases, Foyer Chairs, 4 upholst. Chairs, Table Lamps, 45 Cane-seat Stools, 90 Black Stack Chairs, 11 Cocktail Tables, 16 Planters, Turnstile, Maitre D'Podium, and much more.

OFFICE

4 File Cabinets, Office Chairs, Texas Calculator, Sharp and Royal Calculators, Mita Paper Copier, Simplex Time Clock, Brother and Smith-Corona Typewriters, Dymo Card Copier, Triple S. Floor Scrubber, Canon 35MM Camera, Recorda-Call Telephone Answering Machine, Remote 80 and more.

BEER AND BAR EQUIPMENT

500 ft. Tubing to Computer Bar, 6' Cold-Draft Bev. Cooler, 4 Cold Draft Bev. Coolers, 20 Ice Chest, 5 Bar Sinks, 11 Dlb., Bottle Troughs, 2 Cold Daft Ice Makers, Ice Bins, Hand Faucets, Mini Air Compressor with Filter, 4 Carbonators, 2 Monitor Systems with Computer Bars, E.C.R. Elec. Cash Register w/Cash Drawer and Cocktail Station, 5 Bars, 11 E.D.I. Fex. Hose and Valve Boxes, 3 Perisable Refrig., Stainless Work Area and Port. Towers, Guest Printer, Journal Printer Custom Software. Norlake Draft system - 2 heads Bev. Air Draft Beer System, 4 Tec. M.A. 135-13 Electronic Cash Registers and much more.

KITCHEN AND ACCESSORIES

Sear Refrig./Freezer, 7-6' Food Warmers, Fresh-o-mat, Bun Steamer, Ice Cream Cabinet Bar Mixer, 5 Ice Crushers, Sandwich Unit, Refrigerated Work Table, Ditto Dean Processor, Pastrami Steamer, Stainless Sinks and Ice Bins, Toaster, Elec. Chafing Dish, 2 220v. Convection Ovens, Exhaust Hood, Hobart Dishwasher, 2 G.E. 2-burner Ranges, Char-Broiler, 3-tier Stainless Racks, Cheese Melter, Coffee Urn Perculator, 6-tier Stainless Rack, 6' Stainless Work Rack, 7 Sterling Trays, 2 Appet. Cases, Dishes, Cups, Saucers and More.

OWNERS SECURED PARTY

Auctioneers:
Claude C. Wolfe & Associates.
Lic. A.U. 0010-33L
Jerome Bohn Lic. 001239L
Toilets and Food Available. Bring Partner to watch merchandise. Maybe 2 sales at once. Not responsible for accidents on premises day of sale or removal time.

TERMS: U.S. Cash, Cert. Check, money orders or Bank Approved Check accompanied by credit letter.

We will not be responsible for stolen goods after we strike it down.

For more information call (717) 737-0734 or (717) 469-0540.

We will collect Pa Sales tax.
Bring your number.

PUBLIC SALE

OF SIX TRACTORS
FARM EQUIPMENT

THURS., FEBRUARY 19, 1987
10:30 A.M.

From Honey Brook take Rt. 322 East app. 6 miles to Rt. 82, turn right proceed 1 mile to sale on left. From Rt. 30 take Rt. 82 North app. 4 miles to sale on right. West Brandywine Twp., Chester Co., Pa.

SIX DIESEL TRACTORS

INTERNATIONAL 5488, front wheel drive 855 hrs., Western cab, radial dual tires, front weights; Case 1570 2000 hrs., Econo-Cab, duals, clean; Oliver 1850 wide front, nice original paint; Oliver 1850 Row Crop, new engine and paint, good rubber; Oliver 1750 Row Crop, recent overhaul, new paint, good rubber; all above tractors have dual remote hydraulic. Massey Ferguson 165 Utility with Multi-Power.

CASE 1845 DIESEL UNI-LOADER with ROPS cab, bucket and manure work, one owner.

TILLAGE - PLANTING

Bush-Hog 21' H.D. Disc with Hyd. Wing Fold and Midwest Smoothing Rakes; 28' International Vibra-Shank Field Cultivator with Hyd. Fold and Rakes; Glenco 9 Tooth Soil-Saver; Oliver 8x16' Bottom Spring Reset Plow, reducible to 6 or 7 bottom, on land hitch, good coulters; John Deere 7000 Max Emerge 6-30" Row Corn Planter with Insecticide and Kasco Dry Fertilizer Filling System; Oliver 76 18 Disc Grain Drill with bandseeder; John Deere 335 Slide in 350 gal. Sprayer with 40' boom; Tyler 4 Ton Tandem Stainless Steel Fertilizer Spreader; Westgo 6-30" Row 3 pt. Cultivator with Vibra Tines; Westgo Rock Picker.

HARVESTING

FOX MAX 1 HYDRO S.P. HARVESTER with V6-71 Detroit Engine, 8 Knife Cutter, 3 Row Narrow, 2 Row Wide, Grass Pickup Heads; NEW HOLLAND 1495 12' S.P. Haybine with Rola-Reel, Partial Cab; New Holland 28 Whirla-Feed Blower; Dion 60" Blower; 2 - Dion 3 Beaters Forage Wagons with roof, 10-12 Ton Gears; New Holland #8 3 Beater Forage Wagon with roof; New Holland 320 Baler with Thrower; 2 - Farmers Choice 9½'x18' Bale Wagons with Extra Wide Gears, like new; 1 - Farmers Choice 8'x18' Bale Wagon, like new; Pequea 9' Hay Tedder; New Holland 258 Rake with Rubber Teeth; N.H. Dual Rake Hitch; 2 - McCurdy Bin Wagons; 40' Mayrath Bale - Corn Elevator with electric and P.T.O.; 8'x16' Steel Frame Flat Wagon; John Deere 707 Gyramor 14' Rotary Cutter; Sunmaster 5' 3 pt. Rotary Cutter.

1969 Chevrolet C60 Truck with 350 bu. Grain 12' Dump Bed, 427 Engine, Air Brakes, P.S., 10:00x20 Tires, 33,000 License, 50,000 miles; 1976 Chevrolet Pickup Truck, 350 auto., P.S., P.B., 87,000 miles, Gooseneck Kit.

MANURE EQUIPMENT

New Holland 800 15 Ton Spreader with Flotation Tandems, Hyd. Endgate, Fines Pan, Splash Guard, good condition; Liquid Manure Irrigation P.T.O. Pump; 750' of 4" Aluminum Pipe; Rainbird Gun; Oliver 1810 high lift loader with 7' Bucket; Arps 7' Box Scraper with hinged rear blade.

MISC. ITEMS

20KW PTO generator; 3 pt. post driver and wood splitter; Glenwood wood boiler; upper beater for NH #8 forage wagon; 20' Lancaster silo distributor; Eaton 2 Speed Rear Truck Axle and Springs, Air Brakes, will fit Chevy C60; Wide Front for Farmall M; app. 600 used 8" Cement Blocks; 2 - 300 gal. Fiberglass Tanks; Honda 110 ATC Three Wheeler, good condition; Troy-Bilt 6 H.P. Tiller; British 303 Bolt Action Rifle; Hyd. Cylinders; Bulldozer Fence Charger; plus misc. farm related Hand Tools.

NOTE; Not many small tools. Come early and enjoy the day with us.

TERMS: Cash, Good Check. Bank Letter of Credit specified for this sale to all out of state buyers.

Aucts.
Nevin Z. Martin
AU1078L
Lewis B. Groff
AU1471L

Sale for
ALLEN S. AND ALTA W. HOOVER
215-942-2591

Lunch Served
Not Responsible For Accidents

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

TUES. MAR 10 - 10AM Farm Eq Stewartsville, NJ For. Franklin & Marjorie Gaisler. Ralph W. Zettlemoyer Auct. Co., Inc.

TUES. MAR. 10 - 10AM 30 Head Holstein Dairy Cattle, Farm Eq., Hay, Corn and Ensilage, HH. 1 mi. W. of Lampeter Rd., ½ mi. SE of Lancaster City Limits, ½ mi. S. of Rocky Springs Park, first lane left off Eshleman Mill Rd W. Lampeter Twp., Lanc. Co., PA. Abram K. King, Owner Diffenbach's Aucts.

TUES. MAR. 10 - 10AM Farm Eq. Approx. 1 mi. S. of Morgantown, along Best Rd. Elam & Lois Petersheim, Owners. Elton Horning Farm Agency, Aucts.

PUBLIC AUCTION

MODERN FARM EQUIPMENT; TRUCKS; GRAIN DRYER

FRIDAY, FEB. 20, 1987

At 9:30 A.M.

(8 miles West of Allentown & ½ mile S. of Fogelsville), exit off Interstate 78, go S. on Rt. 100 to traffic light, travel West on Schantz Rd. toward Maxatawny, turn S. onto Grim Rd. to 1st farm, then left again, Lehigh Co., Pa.

TRACTORS: Int. 1566 diesel w/cab & extras, 2350 hrs; Int. 1466 diesel, w/extras, 2880 hrs; Farmall 806 diesel w/fh, 34" rubber & 11:00-16SL frt rubber; (2) Int 560 diesels; Int 2000 frt end loader; Farmall super M late model; M Farmall tractor; Schwartz w f end; Farmall A tractor; Int Cub Cadet #782-17 hp w/48" deck.

TILLAGE: Int. 3 pt. semi mtd. 710 auto spring reset 6-16" pl w/on land hitch; Int. 700 auto spring reset 5-16" pl; Int. #14-7 tooth auto chisel spring reset pl; Brady 1000 3 pt. 12 tooth chisel pl w/buster bar; Krause 22' dual wheel transport disc; Int. 500 12' dual wheel transport disc; Int. 21' wing roller harrow w/dual transport wheels; Brillion 18' wing field culti; axle mtd. three tooth tool bar for M tractors; 3 sec spike tooth harrow; Brillion 13' three gang cultipackers; Brillion 11' cultipacker.

COMBINE: JD 6600 w/2400 hrs, also 213 grain head & 444 c head, plus corn saver attach.

PLANTING: JD 7000 4-36" c planter w/insecticide, acre meter & monitor; JD 8200-23 dbl. disc Big Box grain drill w/grass seed attach; Int 463-4 r f h tool bar culti; 2 MC #455-4 r cultis; Case 4 r rotary hoe; fert box w/hyd. auger unload; Stoltzfus 5 ton tandem axle 28' conveyor lime spreader.

HAYING: JD 1209 mower conditioner; Kuhn 17' PTO hay tedder; Int. #35-5 bar rake; Int #7 mower; JD 346 wire tie baler; 30' bale & c elevator; 3 Int. #52 four wheel dump trailers; NI four wheel trailer.

TRUCKS: 1971 GMC 6500-V6 w/9' steel dump body, 30,000 GVW; 1966 Ford C-800 cab over engine w/14' dump, 30,000 GVW; 1965 Int 1800 Loadstar w/14' dump, 26,000 GVW; 1953 Int R-180 w/14' dump, 26,000 GVW.

GRAIN ITEMS: MC mod 9000 continuous dryer; IH-Cap corn cob & fines cleaner; Snowco 32'-8" auger w/10 hp 3 p motor; 18'-6" auger w/2 hp, 3 p motor; 18' bin sweep; Maywrath 32'-8" transport auger; 24'-6" transport auger; Burrows scale & grain moisture tester.

MISC: Fox Brady 440-12; stalk shredder; Brady 144-12' stalk shredder; Gehl #95 grinder mixer; Liliston 7'-6" rotary cutter; NI #300 two r corn husker; NH 331 three beater manure spreader; century 500 gal. weed sprayer w/in line tank; Meyers 9' sn pl; 9' V sn pl; four wheel road grader; Bush Hog heavy duty, 3 pt. hyd. adjust blade; set of 18 34 duals; 2 hog farrowing crates, one Smidley; cattle loading chute; Troy Bilt (Horse) rototiller; 30 ton hyd shop press; 2 hp air comp; oxy acetylene outfit; Lincoln 180 AMP welder; 10 ton hyd flr jack; 1½ tpn hyd flr jack; Craftsman 10" tilt top table saw; airless paint sprayer; 60 lb. sand blaster; gas driven 1½" water pump; lg. anvil; Kesco 15,000 Watt PTO generator on chassis; 16" & 20" chain saws; tractor splitting jack; drums of motor oil; 100' drain snake; 30" metal lathe (needs help); 40' magnesium ext ladder; 24' wdn ext ladder; new sawed lumber including 1" boards, 2"x6", 2"x12", pine & cherry; plus many articles not mentioned.

AUCT. NOTE: This equipment was well cared for, looks good.

TERMS: Cashs or Acceptable Check. Out of tate buyers, bring current bank letter of credit.

Refreshments Available

Ordered by
JOSHUA & ALTHEA GRIM

Conducted by Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

RALPH W. ZETTLEMOYER AUCTION CO. INC

FARMERSVILLE AUCTION

TUESDAY, FEBRUARY 10, 1987

3:00 P.M.

In Farmersville, 3 mi. east of Brownstown, Lanc. Co., Pa.

General household goods sale. See Lanc. Newspaper Sat., Feb. 7 for full listing.

WE SELL ON COMMISSION

Call **JOHN J. RUTT**
(717) 354-5095

Auctioneer: Lester Weaver
AU-982-L

PUBLIC SALE

THURSDAY, FEB. 12, 1987

9:30 A.M.

Located 5 miles west of Lewisburg just off Route 192 and 3 miles north of Vicksburg, along Beaver Run Rd., Buffalo Township, Union County, PA.

Real Estate - 11 A.M.

UNION COUNTY DAIRY FARM

126 acre farm, more or less, approx. 110 acres tillable, Kutztown loam soil. Approx. 10 acres pasture with running stream and never failing spring, also 2 acres woodland.

Large bank barn with straw shed, milk house, 36 stanchions, lg. loafing area. 40'x40' beef finishing house, 18'x50' and 12'x50' concrete stave silos, corn cribs, 40'x80' and 15'x40' implement sheds.

Two story frame dwelling with 4 bedrooms, lg. kitchen, full bath and full concrete basement with hand fired furnace. Property also has 20'x40' fiberglass greenhouse. Drilled well and sewage on property. Approx. 1 mile hard top road frontage. For inspection, phone 717-527-2449.

TERMS: 10 per cent down, balance in 30 days.

Farm Machinery - 10 A.M.

IH TD6 crawler with PTO; IH 51 forage wagon with 10 ton chassis and flotation tires; Kasten forage wagon with 7 ton chassis; Fox 425 forage harvester with single row corn head and pickup head; Zimmerman 36' hay and grain elevator with 1 h.p. elec. motor; NI single row pull type corn picker; Papec 56" silo blower, 50' of 9" galv. silo pipe; NH 275 PTO thrower baler; Massey Harris 90 self propelled 12' cut combine; Pittsburgh 10' drag harrow; IH 130 PTO manure spreader; Massey Harris single row transplanter; Oliver Superior grain drill on steel; machinery for parts; NH 460 haybine; NH 818 harvester; MM unisystem; few pcs. scrap machinery.

Approx. 60 ton ear corn, 200 ton corn silage; Girton D4 300 gal. bulk tank with 3 hp compressor; 3 Surge milking units; SS strainer; greenhouse supplies; small farm related items at 9:30 AM.

Livestock - 12 Noon

One 4-year old Percheron stud, works anywhere; one 3-year old black standardbred gelding driving horse.

Dairy Herd - 40 Holsteins 40

Consisting of 39 grades, one red and white and 1 purebred mature milking animals. 12 sell recently fresh and 10 due Feb. and Mar., balance in different stages of lactation. This is a young herd of first, second and third lactation cows. Health charts day of sale.

REASON FOR SALE Owner moving out of state

Also Selling Same Time & Place

FOR CLAYTON & LYDIA SHIRK

JD 14T PTO baler; Zimmerman 28' hay and grain elevator; IH 56 2 row corn planter; IH 1PR single row corn picker; NH 467 haybine; JD 8 ft. drag harrow; 9' single roll cultipacker; 1 horse spring wagon; 2 horse cultivator; DeWalt table saw; hog feeders and waterers; Reddy heater and platform scales.

TERMS: Cash or Good Check.

Owners:
JOHN M. &
ANNA N. BURKHOLDER
RD 2, Mifflinburg, PA 17844

Bryan D. Imes, Auctioneer
Phone: 717-527-2449
AU-001656-L

Not Responsible for Accidents

BRYAN D. IMES

Horning's Public Sale

Of Farm Equipment

Located along Meadow Valley Rd. between Ephrata and Millway Signs posted on Rte. 272 south and Rte. 322 West of Ephrata. Ephrata Township Lancaster Co., Pa.

TUESDAY, FERRUARY 24, 1987

Sale At 9:30 A.M.

TRACTORS

John Deere #4430 Diesel; JD 4040 Diesel; JD #4320 Diesel; JD #2940 Diesel; JD #4020 Diesel Side Console Cab; Two JD 3020 Diesel W.F.P.S.; JD #2640 Diesel; JD #2030 Diesel; JD #50 w/cultivator; JD #40 w/loader. **International** 756 Diesel; Int. #544 gas W.F.; Int. 560 Diesel standard; Int. #140 w/mower. Cubs and Cub Lo Boys; Super A; Oliver #550 gas. **Massey Ferguson** #175 Diesel; MF #165 Diesel; MF #150 Gas; MF #50 Diesel; MF #65 Diese; MF #65 gas; MF #35 gas; MF #35 Diesel. **Ford** TW 10 Cab & Air; Ford 9700 w/Cab; Ford 7700 Diesel; Ford 8600 w/Cab; Ford 4000 Diesel; Ford 8N; Allis Chalmers D-10, Cletrac Crawler.

32 HAYBINES

Mower & conditioners. **20 balers, 10 rakes, 9 ft. machines include.** New Holland #489; two NH #488; three NH #479; NH #469; Two JD #1209; Hesston #1090; International #990 & MF; Two New Idea #279 Cutditioners; NH #495 pull type 12 ft. 7 ft. **machines** include two NH #472; three NH #477; three NH #467; John Deere #1207; two Int. #1190; Hesston #1070; Three Hesston PT7; Two Int. #990; NI #272 Cutditioner.

Balers with throwers include NH #315; NH #311; NH #310; NH #273; NH #276; NH #277; NH #278; NH #275; NH #271; John Deere #336; JD #24-T.

Balers without throwers inc. New Holland #310 SS; NH #2750; NH #270; NH S-68 w/motor; JD #336; JD #24T; MF #12; Int. #46; Four hay wagons.

Round balers include New Holland #851; NH #846; NH #847; Gehl #1850; Vemner and Allis Chalmers. **Rakes inlcude** NH #258 w/Dolly Wheel; Three NH #256; Two NH #56; NH #55; John Deere #660 w/Dolly Wheel; JD #640 w/Dolly Wheel; New Idea #400 and MF.

CORN HARVESTERS, PICKERS, SILAGE & HAY WAGONS, CORN HARVESTERS

Include NH #892; N.R.; two NH #890 adj. heads; NH #782 w/adj. head; NH #718 w/adj. head; NH #718 w/Wide row; NH #718 w/one row; NH #770 w/Narrow row; NH #770 w/wide row; NH Super 717 w/narrow row head; NH #707 3 pt. John Deere #3800 w/N.R. head; Gehl #1200 w/three row corn head & pickup; International #720 w/N.R.; Hesston #2000-150 w/One row; Most choppers have corn & pickup heads.

Corn pickers include New Idea #325 twelve roll; N.I. #325 Eight roll; N.I. #324 eight roll; 2 New Idea #323 one row excellent; International 1 P.R.; New Idea uni sheller. **Silage Wagons** Two Dions, International, 3 btr. & roof; JD #214, Grove.

PLANTERS, PLOWS, DISC HARROWS, PACKERS

Planters inlcude John Deere 7000 Six row dry fert. & monitor; JD #7000 4 row; N.R. no till w/fertilizer and monitor; JD 7100 N.R. 4 row no till no fertilizer and monitor; JD #1240 plateless w/dry fertilizer; JD #494-A w/dry fert.; JD #246 two row; International #800 early riser 4 row w/fertilizer & monitor; two International #56 four row; International #56 two row; International #455 four row; White #5100 Seed Boss 4 row; Allis Chalmers #333 Four row no till; AC #600 four row no till; A.C. 600 six row no till; MF #640, four row; Ford #311 four row.

Plows include International #710 reset 5x16; two International #450 3-16 reset; White #588 five 18 reset; two #508 White four 16 spring reset; two White #348 three 16 spring reset; Int. #540 three 14 semi; Int. #510 four 16 semi; Int. #420 three 16 3 pt.; Int. #531 three 14 three pt.; Oliver 3-16 trip 3 pt.; White 3-16 cushion 3 pt. Oliver 4-16 Semi cushion; Case #308 Semi 3-16 spring reset; JD F125 three 16 3 pt.; JD F-125 four 16 trip 3 pt.; JD 4-16 semi; JD 3-16 semi; Ford 140 thru 160.

Disc Harrows Inc. #310 John Deere 12 ft.; #210 JD 14 ft. # A.W. JD 10 ft. two K.B.A. trailer; JD 10 ft. plow disk; JD 8 ft. B.W.; JD 9 ft. B.W.; Oliver #241 nine ft.; Oliver #252 ten ft.; White #253; thirteen ft.; White #252 wing 14 ft.; International #480 wing 15 ft.; Int. #480 twelve ft. Brillion; Mc; Dunham, 8 ft., 9 ft, 10 ft, 12 ft., 14 ft. packer.

Grinder & mixers spreaders. Drills. Gehl #135 mill; Gehl #95 mill; NH #354 mill; Int. #1150 mill; and stationary mixer; International #595 tandem spreader w/tailgate; Int. #595 tandem spreader & tail gate; Int. #555 spreader w/tailgate; Martin Scavenger spreader; Starline tank spreader; John Deere #8200 grain drill 14 disk; Int. #510 grain drill 12 disk; New MF #43 grain drill 22 disk.

CULTIMUCHERS & SOIL SAVERS

New Glencoe 5 tooth soil saver; Brillion 7 tooth soil saver; International 10 tooth soil saver; International #315 cultimulcher 14 ft.; Dunham 10 ft. cultimulcher.

FIELD CULTIVATORS & CHISEL PLOWS

13 ft. #45 International field cultivator trailer type; two 14 ft. International 3 pt. field cult.; International 11 tooth #55 chisel plow trailer; Brillion 7 tooth 3 pt. like new; Brady 10 tooth 3 pt.; Mohawk 5 tooth; Bush Hog 8 tooth 3 pt.; International 10 tooth #55 trailer chisel; Athens 9 tooth trailer chisel; International 7 tooth trailer chisel.

BLOWERS & SKID LOADERS, HAY TEDDERS, BLOWERS, INC.

Two NH #28; NH #27; NH #25; JD #65; Int. #56; Kasten; Gehl #800 recutter. **Skid Loaders** Case #1816 excellent; Gehl #2500 hydro; Case #430; Scat back diesel. **Hay Tedders** Grimm P.T.O.; Grimm G.D. Kuhn 4 star; Kuhn 2 star; Int. 2 star; Nicholson.

MISC. EQUIP.

Lilliston 4 row rolling cultivator; 6 row danish type cultivator; two JD #400 rotary hoes; NH #455 trailer mower; NH #351 three pt. mower; Kuhn flail mower; two New Idea #752 crushers; NH 4; MF crusher; Cunningham crimper; 2 New Idea fertilizer drills; one with grass seeder; trailer sprayers; Papec ensilage cutter; Dual axle construction trailers 7x16; utility trailers 5x10; Woods 6 ft. belly mower; White 6 ft. 3 pt. mower; Woods 7 ft. 3 pt. mower; Bush Hog 5 and 6 ft. 3 pt. moers; rear mount 8 ft. blades; JD 15-A flail chopper; two bale loaders; Zimmerman 32 ft. elevator; 18-4-38 snap on dual wheels; Hesston #10 Stackhand; Hesston #30 Stackhand; Clay lagoon manure pump.

Notice - no small items. We will start in equipment field at 9:30 o'clock.
Terms- Cash of good checks. Identification required for buyers numbers.
Lunch at sale - Not responsible for accidents

EDWIN HORNING & SONS
RD 2 Ephrata, PA 17522
Phone 717-733-7408

Auctioneers: Blaine Rentzel
Pa. Lic #761
& Clyde Wolgemuth & Ed Goodrich, Jr.

Public Auction Register

PUBLIC AUCTION

HORSES- MACHINERY- DAIRY EQUIPMENT
THURSDAY, FEB. 19, 1987
AT 9:30 A.M.

Located In Centre Co., 10 Miles East Of Centre Hall, Pa., Or ¼ Mile West Of Madisonburg, Pa., Turn South Off Route 192.

7 HORSES AND MULES

3 large sorrel mules, 10-12 yrs. old, 3 chestnut sorrel gelding horses hitch good, 1 driving horse, harness for 6 horses, collars, bridles, etc.

FARM MACHINERY

I.H. 22 in. threshing machine, Pequea manure spreader, Wetmore silo filler, I.H. no. 7 silo filler, Zimmerman 30 ft. elevator, hyd. power unit, 2 steel wheel wagons w/flat beds, Gravity bin wagon, N.H. 310 baler, N.H. 66 baler, N.H. no. 77 baler, N.H. no. 256 rake, Pequea hay tedder, 2 I.H. no. 9 mowers 7 ft (1 trailer gear), N.H. hay conditioner, 2 Fore carts, Smoker flail chopper, N.I. no. 323 corn picker, Pequea 3 row no till corn planter w/J.D. units, J.D. 13 disk grain drill, White Horse 2-12 in. hyd. reset plow, Wiard 106 plow, J.D. 3 section harrow, disk, cultipacker, 2 cultivators, N.I. tomato-tobacco planter, potato digger, planter and grader, Wis. 8 H.P. engine, I.H. corn binder, I.H. 7 ft. grain binder, scraper blade w/cart, cement mixer, 75 ft. endless belt, 2 other belts, single and double trees, wagon load misc. farm items.

DAIRY EQUIPMENT AND SOME HOUSEHOLD

3 Nu-Pulse milker units, 3 Surge milkers, 3 S.S. milk pails, 2 strainers, etc. and some household items, gas stove, D.R. suite w/table, 6 chairs and china closet, Maytag washer parts, meat grinder, lard press, other butchering items, old milk bottles, other household items.

Terms- CASH

HENRY F. AND ANNA BEILER
Box 34
Madisonburg, Pa.

Mark Glick- Auctioneer
AU-349-L

Amish lunch stand

WED. MAR. 11 - Farm Eq. 3 mis. W. of Manheim, PA. From Manheim take W. High St. to Hossler Rd., close to East Fairview Church of the Brethren. By: Albert Miller Rufus Geib & Raymond Miller, Aucts.

WED. MAR. 11 - 11AM Big Late Model Grain Farm Machinery Auction. 211 Upper Silver Lake Rd., Newtown, PA. All one owner, well kept. Amos & Gary Kirk, Owners. Col. Fred R. Daniel Aucts., Inc.

THURS. MAR. 12 - Farm Mach. Mechanicsburg, PA. Ashcombe Farms, Owners. Kling's Auct. Serv., Sale Mgrs.

THURS. MAR. 12 - Virginia Holstein Assn. Spring Sale. 150 Reg. Fresh & Springing Heifers. Ownby Auct. & Realty Co., Inc.

SANFORD G. LEAMAN AUCTION SERVICE

PUBLIC AUCTION
of
94 ACRE M/L DAIRY FARM
TUESDAY, FEB. 10, 1987
at 2:00 P.M.

LOCATION: Route 414, Tioga County, Pa.

DIRECTIONS: South of Canton from Route 14 go west on Route 414 exactly five miles to farm on the right. Watch for Auction signs.

94 acres of level to gentle sloped farm land with 65 acres tillable, balance in pasture and woodland. The main barn has 56 tie stalls with Patz barn cleaner, loose housing for 75 plus box stalls for young stock. 20' x 60' Ribstone and 16' x 52' Star Silo's with Jamesway unloaders, 2" pipeline Surge milking system with Mueller 1,000 gallon bulk milk tank. There is a 40' x 68' implement shed and work shop. There is an eight room, four bedroom and bath frame dwelling with gas hot air heat. Also a two bedroom mobile home included for hired help. There are many acres available in the area at low rent if you want to farm big. This farm has a very realistic price. The Sellers are willing to accept with $20,000.00 mortgage assumable at low interest if you qualify.

TERMS: $12,000 down day of sale, Balance on or before March 20, 1987. Subject to prior sale.

Sale By:
NEIL & KAREN FISHER

Sanford G. Leaman, CAI Auctioneer
Lic. #AU-532-L
101 White Oak Drive
Lancaster, Pa. 17601
(717) 569-4264
Call for appointment to see.

PUBLIC SALE
OF FARM MACHINERY

12 mi. South of Red Lion off Rte. 74 at Airville take Rte. 425 north about 2 mile to first crossroads turn right on Posey road to sale.

FRIDAY, FEBRUARY 13, 1987
12:00 NOON

4 TRACTORS

John Deere diesel 4020 WFE power shift dual hyd. outlets less than 400 hrs. since overhauled, side console.

John Deere 3020 diesel power shift WFE new rubber.

John Deere 730 diesel tricycle, direct start, good rubber, 3 pt. hitch.

John Deere 620 gas, good rubber, 3 pt. hitch w/New Idea loader.

John Deere 4 bottom semi mount plow, hyd. reset; J.D. 12 ft. roller harrow; J.D. 12 ft. R.W.A. disc trans.; Massey Harris offset disc; Athens 10 ft. heavy duty disc transport.

Gleaner F2 Corn & Soybean Special Combine Hyd. Drive, 13 Ft. Floating Grain Head, 200 Hrs.

JD 7000 cornplanter w/no till coulters, liquid fert., insecticide boxes & monitor, (38" row); JD 237 mounted corn picker w/irons for 3020.

5 hay rack wagons 8x8x16, 3-1065 J.D. gear w/extension tongues, 1 J D 1065 gear, 1 AC-6 ton wide track gear, 2 of the J.D. have flotation tires w/rear and front end loading; John Deere 336 baler w/#30 thrower; New Idea 36 ft. elevator w/2 hp. motor; 3 gravity bin wagons JD 1065-965-953, Hill Bros. and EZ flow bins; J.D. Van Braunt 13 disc drill w/small seed box; New Holland 489 haybine; Pequea hay fluffer; 5 wheel hay rake (trailer); Co-op 16 disc traction lift drill w/small seed box steel wheels; 8 ft. double cultipacker; corn drag; 1 flat bed wagon, Central tractor field sprayer.

14 bales of baler twine; 6 bags seed corn 4 Agway & 2 Jaques; 5 hyd cylinder; 500 gal. gas tank w/pump; 200 gal. fuel tank w/pump; Farmall H for parts; 5 ton alfalfa hay, sawed cherry lumber (dry). Very few small items. Don't be late.

Terms by
BARRY JOHNSON
Phone 717-862-3833

Aucts.
J. Everett Kreider,
Bucher, Heaps, AU000512L

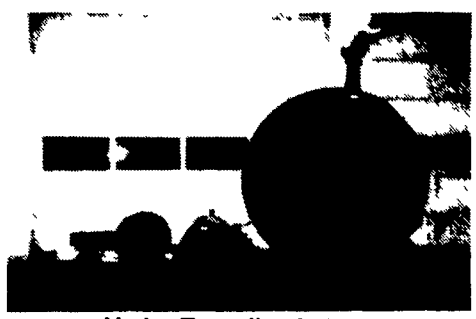
Reason for sale, due to health conditions
Lunch by Ladies of Pine Grove Church

Public Auction
Consignment Farm Equipment, Hay and Straw
Saturday, March 7, 1987
Sale Time 10:00 A.M.
Note: Equipment Is In Top Shape!

Location: RD#1 Marietta, Lancaster County, Pa. From Route 30 take Columbia Exit, Route 441 North to second red light right on Route 743 North approx. 3 miles left on Donegal Springs Rd. From Route 283 off on Elizabethtown/Hershey Exit, take Route 743 South for approx. 7 miles. Right on Donegal Springs Rd. Look for Signs.

John Deere 4440

John Deere 4440 P.S. 3300 hrs.; 3020 John Deere P.S.; John Deere 1600 10' 10 Tooth Mounted Chisel with Mounted Midwest Hrw., John Deere 2500 5 18" Bottom Plow, Spring Reset, Hillside, New Steel; Krause 1577 Disc, Rock Flex, Single Fold, New Steel; Hydro Traveling Irrigator Could Be Used For Liquid Manure; New Holland Manure Spreader; McCurdy 275 Bin On McCurdy Full Sides; Century Field



Hydro Traveling Irrigator

Sprayer 300 Gal. Trailer & Pump; J.D. 3 Bottom Mounted Plow; McCurdy 275 Bin On Calhoun; Gehl Hi-Thro Blower; 2 #8 New Holland 3 Beater Tandem Axle Forage Wagons; #25 New Holland Blower; 720 IH Harvester 2 Row Corn Head And Pickup Head; 24' Bunk Feeder Wagon; 13 Tooth Int. Chisel Plow; 25' New Holland Hay Elevator; IH Seeder 510 Soybean Special; **Financing Available for 760 MF Combine w/6R C.H., 2,000 Hrs.** Call for more info JD 6RW Corn Shredder; Transplanter for Tomatoes or Tobacco; Bunk Wagon; 36 NH Crop Chopper; 12' Wide Bush Hog; Also Small Equip and Tools.

Darvin J Rodgers Jr

AU-002316-L
AU-001410-L

Rodney E Frey

ALL AMERICAN AUCTION SERVICE

- Licensed • Bonded • Household
- Vehicles • Estates • Business
- Farm • Real Estate Liquidators

No Charge For Consultations and Appraisals

704 East Market Street
Marietta PA 17547

(717) 426 2674
(717) 426 4222

NOT RESPONSIBLE FOR ACCIDENTS
GOOD FOOD

Look for Additional Items Next Issues:

Hay & Straw Consignors Call
717-426-2674 or 717-426-4222

Terms: Cash or Bank Letter of Credit

PUBLIC SALE
SATURDAY, FEB. 28, 1987
11:00 A.M.

Located two miles north of Lititz, 1½ miles south of Brickerville. First farm on the right south of the Brubaker Valley Road, along Reifsnyder Road. Lanc. Co. Penna.

FARM EQUIPMENT

Massey-Ferguson #165 Diesel tractor; Cockshutt "30" tractor; A.C. #6080 Diesel tractor with 900 hours; Oliver G1355 Diesel 154 H.P. tractor with cab and dual wheels; Hesston 7160 forage Harvestor with 2-row and 3-row narrow heads; New Holland #354 Portable mill.

New Idea #323 corn picker; Dion 14' forage wagon on Gehl rugging gears; New Holland #510 manure spreader; Clay #800 Honey wagon.

Roanoke Baler; MCd #56 4-row corn planter; A.C. 3-bottom 16" plow; Athens 5 tooth chisel plow; Brillion 10' cultimulcher; Sprocket tooth cultipacker; M-F 3-point hook-up Sub soiler.

Gravity bin on gears; 3-pt. hook-up sprayer with 8-row boom; Oliver Rotary mower; Cockshutt side rake; rubber tired flat bed wagon; Zimmerman 32' elevator; Harvest Handler grain elevator; 28 disc harrow; plow pack; 24' tobacco ladders.

Massey-Harris self propelled corn picker; grain trailer; 300 gallon and 275 gallon gas tanks with pumps; 275 gallon gas tank; elevated gas tank.

Portable K.W. p.t.o. generator; John Deere A-100 air compressor; 225 Amp. welder; hear houser; bag wagon; flag stones; hand tools; parts bin; forks; shovels; pump trough; bolts; log chains; 2-hole corn sheller; endless belt; scalding trough; meat grinder; Home-lite chain saw; Roto-Hoe Garden shredder.

HOUSEHOLD ITEMS— Coal kitchen heater; Two Waterfall Bedroom suites; dresser; cupboard; spring and mattress; sofa; electric meat slicer; 30 gallon water heater; May tag wringer washer; lamps; baby crib; wash tubs; iron kettle; wood butter churn; jars; etc.

MELVIN M. MARTIN, Owner

Sale 11:00 A.M.
Diffenbach's Auctioneers 225L

Lunch Available

Public Auction Register

Closing Date Monday, 5 00 P M
of each week's publication

THURS. MAR. 12 - 10AM Farm Machinery, Dairy Eq. Centre Co., 2 mis. E. of Centre Hall, PA, on Rt. 192. Harry & Alice McCelenahan. Mark Glick, Auct.

THURS. MAR. 12 - 10:30AM PA Seventh Annual Heifer Sale for World Relief. Mel Kolb's Black and White Dairy Barn, Dairy Rd., Lancaster, PA. 2 mis. W. use Flory Mill Rd. exit. Wilmer G. Kraybill, Sale Mgr. John Umble, Lee Kurtz & Omar Stoltzfus, Aucts.

THURS. MAR. 12 - 11AM PA 7th Annual Heifer Sale for World Relief at Mel Kolb's Sales Barn, Lancaster, PA. Wilmer Kraybill, Manager.

FRI. MAR. 13 - John & Dan Miller, Staunton, VA. 200 Head Milking Herd & Close Bred Heifers. Ownby Auct. & Realty Co., Inc.

FRI. MAR. 13 - Consignment Farm Machinery Auction at Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

FRI. MAR. 13 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. MAR. 13 - 9AM Farm Eq. Paul & Ida Jean Rachaw, Owners. Off Rt. 45 approx. 1 mi. W. of Millheim, PA. Leon J. Smith, Jr. & James T. Smith, Aucts.

FRI. MAR. 13 - 10AM 7 Tractors, Trucks, Farm Machinery, Crops, Harvestore Silo. 3½ mis. W. of Cochranville on Homeville Rd., Chester Co., PA. Wm. E. Parry & Sons, Owners. Whitford Sales Co., L. Robert Frame Sr. & Sons, Aucts.

FRI. & SAT. MAR. 13 & 14 - Frederick County's 21st Annual Consignment Sale of Industrial & Farm Eq. Sale managed by the Family of Mehrle N. Wachter.

SAT. MAR. 14 - Robert Webb, House & HH Goods. Fawn Grove area, York Co. J. Everett Kreider, Auct.

SAT. MAR. 14 - Farm Eq. Between Schnecksville & Pleasant Corner along Rt. 309, Lehigh Co., PA. For: Myles Miller. Ralph W. Zettlemoyer Auct. Co., Inc.

PUBLIC AUCTION

Farm Machinery, Antiques, & Household Goods

TUES., MARCH 3, 1987

9:00 A.M.

LOCATED: 18 miles South of Lancaster, or 5 miles South of Buck, along Rt. 272, in the little village of Hensel, or 3 miles North of Wakefield.

FULL COMPLETE LINE OF ANTIQUES

Terms:
FRED & GRACE KREIDER & SON

Auctioneers:
Lloyd Kreider
Lic. #AU000513L

Randal Kline
Roy Good
Gary Shirk

KREIDER & KLINE AUCTION SERVICE

GORDONVILLE FIRE CO.

ANNUAL CONSIGNMENT AUCTION

SATURDAY, MARCH 14, 1987

8:30 A.M.
Location Gordonville Fire Hall
Lanc. County, Pa.

FARM EQUIP., LIVESTOCK HOUSEHOLD GOODS, ANTIQUES

We will advertise your consignment if consigned before Feb. 17.
For consignment information call
Roland 717-768-8136,
Ralph 717-687-7373

Terms:
Sale Committee
717-768-3869

Funk #AU-314-L &
Local Auctioneers

PUBLIC AUCTION

President's Day
Monday, February 16
9:00 a.m.

★ Tractors (over 150) ★ Trucks
★ Field Equipment ★ Combines
★ Industrial

HALE'S FARM EQUIPMENT

3099 Hart Rd. • Lebanon, OH. 45036
1-(513)932-4925

FOR COMPLETE SALE LISTING AND OTHER DETAILS CALL OR WRITE

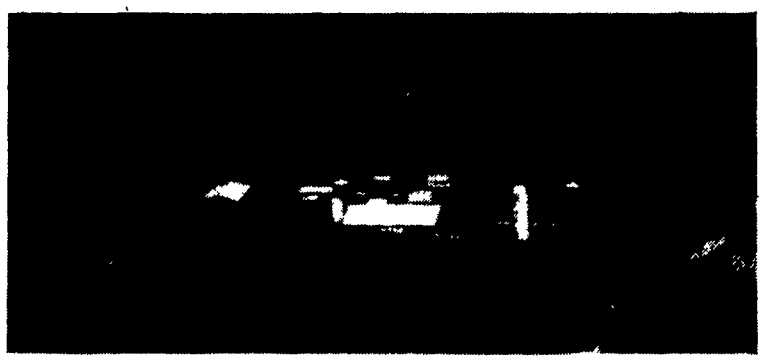
ATTENTION!!!

ABSOLUTE PUBLIC AUCTION

"This Farm Will Sell To The Highest Bidder"

SATURDAY, FEBRUARY 28, 1987

AT 11:00 A.M.



101 ACRE DAIRY FARM

w/approx. 90 Acre Tillable
w/Gentle Slope To Most Flat Terrain
(Formerly John J. Lesher Farm)

LOCATED IN GRATZ, PA.

Directions From Square Of Gratz Go ½ Mile North On Kinglerstown Road To Bellveve Drive to Farm.

Farm Located In Lykens Township, Dauphin County

Farm Features...

2½ Story Frame House w/Aluminum Siding; Kitchen w/Cabinet; Oil Hot Air Heat; 4 Bedrooms /1 Full Bathroom; Living & Dining Room Areas, Others; Well Water, Septic; (2) A.O. Smith Harvestore Silos 20'x40', 20'x60'; (1) Stave Concrete Silo 20'x60'; (1) Small Silo; 77 Free Stalls w/Surge Pipe Line For 16 Stalls; 500 Gal. & 300 Gal Girton Milk Tanks; 94'x120' Free Stall & Lofting Area Building; 30'x96' Bunk Feeder Building w/Lofting Feed Area; 50'x80' Implement & Storage Building; 24'x60' Shop Area; Other Small Buildings. This Farm Contains Approx. 1 Mile Of Road Frontage And Has A Small Creek Bordering North Corner. Calvin Loam Soil.

To Inspect Farm Go Directly To Farm Or Call Federal Land Bank, 717-291-1855.

Terms: 10% Down Day Of Auction. Balance within 30 Days.

Auction For:
FEDERAL LAND BANK
GREGORY E. DIEHL
717-291-1855

Auction Conducted By The
J. Omar Landis Auction Service
Jay M. Witman, AU-001127-L
Box 501, Ephrata, Pa. 17522
717-733-7917 or 665-5735

Auction Reminder

J.&B. Potato And Grain Farms, Inc.

Complete Farm Dispersal

Monday, February 16, 1987

10:30 A.M.
(Blizzard Date Wed. Feb. 18)
Exit #8 of the New Jersey Turnpike
Hightstown, New Jersey

Farms sold to development, selling top grade equipment in field ready condition:

Note: Partial listing only!

6 IH diesel wide front tractors: 1586; 186 hydro.; 100 hydro.; 1456; 1086; and 806; Lockwood 4500 belted chain conventional style deluxe harvester, harvested only 600 acres; 1985 Dahlman PC-450 (cut type) 4-row deluxe pull type planter with dry fertilizer boxes; 1985 Haines 2-3-4-6 cut super seed cutter, newest style!; 4 Haines 22 ft. bulk bodies; 6 other bulk bodies from 14-18 ft.; 2 Baker 20 head auto. baggers; Complete Haines 1981 grading line including 27 ft. flume; flume paddle pump; 48 in. brusher; 60 in. gas fired dryer; 60 in. roller table; 48 in. distribution table; 60 in. chain sizer; Haines and a 1986 Milestone chef sizers; All kinds of conveyor systems; 2 Fischbein sewing machines on pedestals; 3 New Long hand sewers; Yale 4000 lb. battery operated pallet lift; Distribution tables; platform scales; manual baggers; 300,000 plus of name printed Bemis 10, 5 and 20 lb. paper bags plus masters'; 10 bulk body field trucks- 5 are 10 wheelers!; over 5 miles of 6, 5 and 4 in. aluminum irrigation; 3 Hale model 60 p.t.o. high pressure pumps; 7 Sure Roll moving units; and general equipment including: IH 2350 high lift, quick attach loader; JD 4600 5-18 on the land hitch roll over plow; Brillion 21 ft. fold up crow foot packer; 3 Lilliston 4-row rolling cultivators; 4 Stone 10 ton fertilizer bodies with hyd. unload motors; IH 510 24-6 double disk grain only drill; JD 7000 6-row 30 in. conservation planter; much more!

Note: This is the largest and most up to date grower-packing line in the state of New Jersey that deserves the attention of every serious potato farmer! This is a show place farm with matching equipment! Prior inquiries and inspection is invited! Detailed flyers available!

Owned by
JAMES VANHISE
609-443-5369 and
BUD MICHALCHUK
609-448-6595

Auction conducted by
PIRRUNG AUCTIONEERS, INC.
Wayland, New York 716-728-2520

PUBLIC AUCTION

having sold farm & discontinuing farming, the undersigned will sell, located 2½ miles west of Greencastle, PA on Route 16, north ½ mile to Rabbit Road.

WED., FEBRUARY 18, 1987

at 10:00 A.M.

FOUR TRACTORS, CRAWLER, COMBINE, SKID LOADER

John Deere 4430 diesel tractor w/sound guard cab, radio, heater, air, W.F., power steering, power shift, dual hydraulics, 1000 & 540 PTO; JD 4020 diesel tractor, W.F., power steering, power shift, dual hydraulics, 1000 & 540 PTO; JD 3010 diesel tractor w/N.F., power steering, dual hydraulics, 1000 & 540 PTO, major overhaul less than 100 hrs.; Farmal Super S tractor w/plow & cultivator; JD 440 gas crawler w/8 ft. blade; Case 1530 diesel skid loader; JD 6600 diesel S.P. combine w/13 ft. grain head, major overhaul less than 100 hrs.; 6 row narrow corn head, 1 yr., selling separately.

JOHN DEERE & OTHER MODERN FARM MACHINERY

JD F125 5/16 trip back plow; JD F125 3/16 trip back plow; Glenco 9 ft. soil saver; JD 3 pt. sub soiler w/mole ball; JD BWA 12 ft. transport disc; JD F931H 16 ft. transport fold up spring tooth harrow; 16 ft. single cultipacker.

JD 8W 7 ft. sickle bar mower; Lilyston seven-six rotary mower; JD 1209 haybine; JD fluffer; JD 640 side rake; JD 346 baler w/thrower, like new; 2 JD & 2 wood wagons w/hay sides; JD 30 ft. elevator w/1 HP motor; 30 ft. mow conveyor w/motor; Vicon 9 wheel rake, new.

JD FB 15/7 disc grain drill; JD 7000 Lippy no till 6 narrow row planter w/hopper filler, insecticide boxes & monitor; JD 3960 forage harvester w/pick up head & elec. controls; 3 row narrow corn head, 2 yr., selling separately; 3 JD 714A silage wagons w/roof on JD 1275 tandem running gears; Kools KB60 blower; 50 ft. 9 in. pipe.

JD 46A loader w/80 in. material bucket & manure fork; Butler 21 ft. lagoon pump; Feed Easy 3000 gal. liquid tandem tank spreader; JD 31 field sprayer; JD 3 pt. 6 ft. scraper blade; JD 4 row front mounted cultivators; 3 pt. post hole digger w/12 in. auger; 2 grain augers; Central tractor cab.

TRUCKS

1972 Ford L600 Louisville, 46,000 miles, 2 speed axle; 18 ft. Parkhurst body.
1965 GMC 4000 semi cab, V6, 33,000 miles, 2 speed axle, 19½ ft. grain body.
Both trucks have good rubber & in immaculate condition.

FEED

Approx. 1000 bales of alfalfa hay by bulk.
Approx. 2000 bales of straw by bulk in various size lots.
NOTE: This machinery has always been kept under roof, is in field ready condition, much looks & runs like new. If you like John Deere equipment – don't miss this sale.

TERMS: Cash or approved check – Not responsible for accidents.

MR. & MRS. H. EUGENE LAWSON
Phone (717) 597-4452

AUCTIONEER: Robert C. Mullendore
CLERK: C.L. Metz

– LUNCH RIGHTS RESERVED –

Wolf Farms, Inc. Complete Potato Farming And Packing Line

Monday Feb. 23, 10:00 A.M.
(Blizzard Date: Wed. Feb. 25)
Exit #1 of I-83
Stewartstown, (York Co.) Pennsylvania
(Along The Pennsylvania - Maryland Border)

Sale to be held at the farm on Zeigler Road, take Exit #1 off I-83 and go east on Rte. 851 about 3 miles, turn left onto Zeigler Road, farm is about 1 mile on right. Sale is located 15 miles south of York, PA and 40 miles north of Baltimore, Maryland.

Discontinuing all potato farming operations, selling will be a very well maintained line of up-to-date machinery!

Tractors

1981 Steiger Cougar ST-280, 350 Cummings diesel; air, heat and stereo in cab, 5 hyd. outlets, 20 8-38 rubber and duals all around, like new with just 899 owner hours!,
1972 Steiger Bear Cat, 3160 Cat diesel, 23 1-26 rubber and duals all around;
IH 3488 Hydro mechanical front wheel drive, air, heat and stereo in cab, radial 18 4-38 rubber, 2 yr old machine with 1271 hrs !;
JD 4020 side console, synchro range, dual hyd outlets, 18 4-34 rubber, 4747 hrs.;
JD 4010 diesel with 15 5-38 rubber;
JD 530 n.f.e., 3 pt. hitch, live p.t o , original owner tractor!;
Payloader 2-wheel drive, gasoline engine, 6 ft. bucket,

Trucks - Trailer

1975 White Freightliner C/O, 903 Cummings diesel, 13 sp. Road Ranger, wet line, recent overhaul,
1974 Freuhauf 40 ft insulated refer trailer (no unit), with curbside door and new rear swinging doors,
1966 Hill 28 ft aluminum dump trailer, with coal chute, tarp and oil reservoir;
1976 Chevy C-65, 5/2 trans , 366 engine, 33,000 G.V.W with 22 ft Morgan alum van body with curbside and overhead rear doors,
1974 GMC 6000, 5/2 trans , 350 engine, twin cylinder hoist, 14 ft grain body, low mileage, Lic for 30,000 G.V W ;
1973 Chevy C-60, 5/2 trans , 350 engine, twin cylinder hoist, 18 ft Lancaster steel grain body, bow and tarp, Lic for 30,000 G V W.,
1961 Mack B-61 conventional tractor, 673 Mack diesel, triplex trans., wet line;
1974 Chevy C-20 van, auto. trans., 350 engine, power steering and brakes;

General Equipment And Miscellaneous

Friend 600 gal. stainless steel tank high pressure vegetable crop sprayer with new 60 ft. bi-fold stainless steel booms, 11.2-38 high wheels;
Krause 1 yr. old 15 tooth hyd. fold chisel plow-stalk slicer with hyd. disk depth control;
IH 710 5-18 semi-mount plow with coulters;
JD 8 ft. 3 pt. double auger snow blower;
JD 660 rolabar rake with rubber mount teeth and tri-cycle front;
NH 10 ft. ground driven fertilizer spreader;
Python 51 ft. x 6 in. p.t.o. transport auger; 4-row 3 pt. tool bar;
Set of 10 IH suitcase front weights; Ford 3 pt. 2-row cultivator;
JD #10 side mount sickle bar mower; 250 gal. poly tank in 3 pt. hitch carrier;
Gravely 8162T riding lawn mower, 18 h.p 2 cycl. Onan engine, 48 in belly mower;
IR 2 h p twin piston compressor with 65 gal tank;
2 portable ½ h.p. air compressors; Utility box on trailer,
2 Modine (Empire) hanging gas heaters, 2500 gal. s.s water tank;
Set of JD 100 gal. poly saddle tanks with carriers,
M.F 4-row 3 pt cultivator with spring loaded shanks,

Irrigation Equipment

Hale 6 in. x 4 in high pressure, p t o irrigation pump, 1 yr old!;
Ever Rain 350 reel type irrigation system with 4 in hard plastic pipe and Nelson 360 swivel gun, used 2 seasons!,
App 1650 ft of Tico 6 in alum pipe in 30 ft sections;
App. 1500 ft of Tico 5 in alum pipe in 30 ft sections;
Various irrigation pipe accessories!;

Specialized Potato Farm And Warehouse Equipment

1985 Haines Deluxe 2-3-4-6 cut, standard seed cutter with all the frills!,
Seem Line 2-row conventional harvester with tilting table and elevator, hyd vibrator, electronic controls, steerable wide axle, in like new condition!;
2 1985 Lockwood 18 ft bulk bodies on tandem dual wheel, heavy duty trailers with hyd brakes and hyd operated unloading motors;
2 McConnell new gate system type 18 ft hyd driven bulk bodies with grain pans on dual wheel tandem axle heavy duty trailers,
2 Ziggie 14 ft bulk bodies with grain pans, on tandem axle single wheel trailers and electric unload motors,
2 14 ft homebuilt bulk bodies on tandem single wheel trailers,
Home designed 4-row potato planter on McConnell chassis with larger capacity seed boxes, Gandy applicators, and John Blue ground metering pump for liquid fertilizer application, a nice setpup here!;
Haines 18 ft swivel style planter seed conveyor with 16 h p B &S. gas engine over hyd drive motors;
Haines 35 ft long, 525 100WT capacity bulk holding bin with overhead flat belt fill system, moveable full wedge and variable unload speed; A very desirable unit for any packer!;
Baker 10 head weigh-o-matic bagger with 20 lb scales;
Baker 10 ft. L-conveyor;
5 ft diameter round table with 9 ft belt bag conveyor,
Round head auto poly bag hanger; Fischbein series 10 thousand 3 hundred bag sewer on adjustable standard and extra head selling separately;
Fischbein models E &D hand sewing machines with retractable hangers;
New Jersey wire stitcher;
Haines 26 in. wide, 10 ft distribution table with single side take off;
Haines 26 in. sizer-eliminator; Haines 24 ft belt elevator on wheels;
Haines 8 ft 26 in roller picking table; Haines 6x6 bulk receiving hopper;
Haines 26 in. 20 spool brusher; Troyer 21 ft belt elevator on wheels,
F.M C. 36 in. 16 ft washer-hydrobrusher, Haines double bagger;
Haines 14 ft draper chain dirt eliminating conveyor;
Advanced 25 ft belt conveyor on wheels,
Haines 40 ft 16 in wide belt trailer unloading conveyor,
Platform scale, 55 wooden 46 in x 46 in pallet boxes,
Multiton hyd hand pallet cart; Homebuilt pallet box dumper,
Simplex time clock, Various new bags,
Dunham Bush 5 ton bulk cooling unit with condenser,

The machinery here is in an excellent state of repair with family operation, inside storage and regular maintenance! Your prior inspection and inquiries are invited!

Air Accommodations: Private craft landing at Thomasville, PA. Private planes will be met. Commercial Flights to Harrisburg International or Baltimore - Washington International. Rental cars available

Plenty of motels of all descriptions in the area. Lunch available at sale site! Trucking can be arranged.

TERMS: Cash, Travelers Checks, Certified or Cashiers Check or Money Order in U.S. Funds. Honorable personal checks will be accepted from those people who have established good relations with the auction company. Those unknown to the auction company must adhere to the above terms or present to Pirrung Auctioneers, Inc., upon registering to bid, a current irrevocable bank letter of credit stating the amount you may spend up to. For any further information, contact Pirrung Auctioneers, Inc., prior to the auction date.

Owned by Wolf Farms, Inc.
George - Jim - Dan and Dave Wolf **Office Phone 717-993-6226 Days or Phone Dan 717-993-6152 Evenings**

Auction conducted by

PIRRUNG AUCTI(↓EERS, INC.

James P. Pirrung
Wayland, New York
716-728-5152

Wayland, New York
716-728-2520

PA Auctioneer Lic. #1672L, 1646L

Gerald A. Pirrung
Ulysses, Pennsylvania
814-848-7421

Pirrung Auctioneers, Inc are specialists in the sale of potato farm machinery and are willing to travel anywhere

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 14 - 8:30AM 19th Annual Spring Auction for the Gordonville Fire Co. Quilts, HH, Antiques, FE, Livestock. Terms by: Sales Committee. Ron Funk & Local Aucts.

SAT. MAR. 14 - 9AM Annual Spring All Day Farm Mach. Sale. 3 mis. E. of Muncy, PA. Along Kepner Hill Rd. Fraley Auct. Co.

SAT. MAR. 14 - 9AM Full Line of VG Farm Machinery, HH, Antiques. ½ mi. SE of Belleville, PA, Coldwater area. Stephen & Bertha M. Zook, Owners. Daniel Zook, Aucts.

SAT. MAR. 14 - 9:30AM Farm Machinery, Feed, Laying Hens, Antiques, Butchering Eq., Guns. Chester Co., PA. 2 mis. N. of Oxford. From Rt. 10 go W. on Union School Rd., next to Rt. 1, S. entrance, second farm on left. Chester & Iva Hawkins, Owners. Steve Petersheim & Steve, Jr., Aucts.

2nd Annual Farm Toy Show and Auction

Saturday
February 21, 1987

Located at the **Best Western Inn**, in the Mariposa Ballroom
• 1245 Harrisburg Pike, Carlisle PA •

–Toy Trading Friday Evening–

Toy Show. . 9:00 a.m. to 3:00 p.m.
(Setup - 7:00 a.m. to 9:00 a.m)

Trophies and Cash awards for best display

Admission. . . . . Adults $2.00
Children under 12 years free

Toy Auction. . . 6:00 p.m. sharp

Consignments for Auction taken at 4 00 p m
Public and Dealers Welcome
Terms - Cash or Preapproved Check

Sponsored by the Cumberland Valley Tractor Pullers

Auction Information contact
Dave Nolt
P O Box 422
New Holland,
PA 17557
(717) 768-3554

Auctioneer
Mark K. Keller
No. AU 1994
R D. 1 Box 64
Landisburg,
PA 17040

Show Information contact
Brandon L. Weary
R D 6, Box 125
Newville, PA 17241
(717) 776-7330

AUTOTORE'S AUCTION

SATURDAY, FEBRUARY 14, 1987
Starting At 10 A.M.

Location - Main Street, Orangeville (Former Hess Market) on Rt. 487 North of Bloomsburg.

Gary & Karen have relocated their market to new location and are selling the following.

R.C. Allen 3000 Register, oak candy display, oak mirror-back pastry display case, 80' metal display shelving, chrome display racks, double 16' Gondola island rack w/end caps, Howard double door medium temp. cooler, Howard double door freezer, utility shelving, 10' produce display tables, 8' meat display case, paper cutter, wire display racks, Globe meat slicer, 6'x8' wood walk-in cooler w/rebuilt compressor, 110 A/C, 40" G.E. elec. range, Maple cabinets, 2-Coffeematic #2, portable typewriter, 3 section (early) wood shelving, GELBACK 6'x6' walk in freezer (sng. phase) DICELER 10'x12' walk-in cooler sng. phase, cargo wagons, Dayton store scales, file cabinets, NCR Cash Register, school desks, 2-oak 22" store counters, lg. assortment of display racks, oak clothing islands, what-not shelves, food carts, 3 pc. maple living room, 6 hp Simplicity riding mower w/42" cut (like new), storage lockers, BLAKLESEE COMM. POTATO PEELER, wheel barrow, power push mower, 79-318 Dodge Adventure pick-up (excellent), salad bar crocks, napkin holders, salt & pepper shakers, sugar containers, Lenox Furnace converted Oil, Gas hot water heater, dry produce cases, bag trunk, floor fan, tape gun, elec. boxes, wooden boxes, 2 new Adler-Smith Corona elec. typewriters, etc, etc.

Terms - Cash.

Sellers
GARY & KAREN HESS
Auctioneers- John Autotore 784-3506
AU-31-L
John Jr. 784-0381
Kim

PUBLIC AUCTION

OF FARM EQUIPMENT
THURS., FEB. 19, 1987
Auction Time: 9:30 A.M.

Located between Soudersburg and Paradise at 2969 Lincoln Highway, eight miles east of Lancaster, Pa.

TRACTORS

JD 1010 tractor with backhoe and loader; Farmall A high clearance with cult.; Farmall Super C; Allis Chalmers C and B with attachments; IH 300 with loader fast hitch; Farmall cub and attachments; Simplicity 3415 rotary and mower deck; MF 12 riding mower deck; MF 12 riding mower; Gravely tractor and mower.

ENGINES

AC-B with clutch reduction; Wiscon. VG4D-40 h.p.; Wiscon. THD 2 cycle; 3 hp Stover hit & miss w/concrete mixer on truck.

NEW AND RECONDITIONED

N.I. 18, 206, 17, 12A, 10A manure spreaders; Lely pull type spin spreader; Brillion 8' Alfalfa seeder; 5'4" lawn seeder; J.D. 16, 20 and 24 Blade KBA disc; N.H. 24', 30' and 36' elevators; 3 pt. 5' Master cutter PTO mower; PTO Vicon 7'8" mower; 3 pt. Disc and 1 bt. plow; Easy trail with new bed.

USED

N.I. 18 spreader; Oliver 2 bt. 12" pull type plow; J.D. two way plow; J.D. three section harrow; J.D. transport disc; 8' and 9' Packers; J.D. 999 corn planter; J.D. two row plateless planter; Mc. cult.; two row mechanical transplanter; N.I. tobacco planter; grain drill; 20 disc Alf. drill; Oliver two row potato digger; I.H. pull type mowers; N.H. 456, 455 and 451 three pt. mowers; N.H. 9' haybine; hay crimpers; Nicholson and Pequea tedders; N.I. wheel rake; J.D. and N.I. horse rakes; N.H. 55 and 56 rakes; N.H. 66 PTO baler; I.H. 46 PTO baler; Gehl C-40 silage cutter; Fox blower; N.H. corn drag; Rosenthal No. 40 husker shredder; 3 pt.-5', 6', 7', 8' scrapers; 3 pt. post hole digger; 3 pt. and pull type C-80" woods mowers; two wheel trailers; snow blades; mulch layer; flail mowers; 8 ft. three blade finishing mower; hyd. dump wagons, and many other articles.

Consignments are welcome.

T.J. WHEARY & SONS
717-687-0102
Auctioneers
Robert E. and Jeffrey R. Martin
656-7770 AU000580L
Blaine Rentzel

PUBLIC SALE

OF HOUSEHOLD GOODS, ANTIQUES
LAWN & GARDEN TOOLS

8 mile South of Quarryville, 2 mile east of Wakefield along Route 272.

SATURDAY, FEB. 21, 1987
9:30 A.M.

2 Frigidaire elec. stove & 2 refrigs, Whirlpool 23.2 chest freezer; washer & dryer; humidifier & dehumidifier; Zenith stereo; Zenith floor & Sony portable televisions; 30 cup perculator; Norelco 10 cup- dial-o-brew; blender; hair dryer; air conditioner; G.E. steam iron; Hoover elec. broom; Bissel sweeper; Electrolux sweeper; elec crock-pot, Linton microwave oven.

3 pc. bedroom suite; single bed matching bureau & vanity; bed linens; 2 matching end tables; coffee table; cane seated rocker & 2 chairs; vanity bench; magazine rack; drop leaf table & 4 matching chairs; wardrobes & utility cabinets; mirror w/matching marble top shelf for foyer; sofa w/2 matching chairs & others; 3 matching end tables & commode; dining room table (dunean); 5 matching chairs & china closet; 2 tables & floor lamps; Penna. House hutch; bookcase; winddrop desk, Wilton ware; fireplace equipment; portable white sewing machine.

ANTIQUES

Medium large copper kettle; iron kettle w/3 feet; butter churn, butter bowl; large mixing bowl; small over wicker wash basket; toilet set minus bowl; serving box; hen on nest; large picture frames; 3 burner kerosene stove; 3 old carpenter tool chests; dinner bell; pudding stirrer; sausage stuffer; corn sheller.

TOOLS & FISHER WOOD STOVE

Craftsman Skill saw; elec. drill; 8 HP-MTD Tractor w/38 in. mower; Snapper trim mower; Parker lawn sweeper; Craftsman table saw; Wizard mower; lawn fert. spreader; McCollugh chain saw; grass trimmer (elec.) picnic table w/attached furniture; lawn cart; knap-sack sprayer; porch furniture; doiles; table linens; bed linens; drapes & blankets; breakfast table w/4 chairs; large roaster; set of 8 Correlle & matching glasses; Sunbeam mixer; bamboo curtains; plants & African violets; Spice rack & bottles; hooked & braided rugs; metal filing cabinet; rug frame; flower stand; 3 metal tubs; pipe threader; garden tools; qts., pts., jelly jars; Christmas decorations. Many other articles.

12 ga single barrel; Ranger 22 bolt action single shot

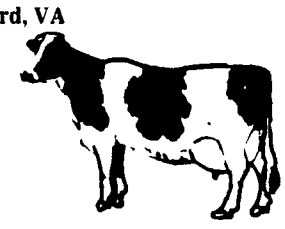
Terms by
ETHEL P. OVERLY EST.
MARGUERITE REARDON
Executrix

J. Everett Kreider Auct. AU000512L
Bucher & Heaps

Lunch Furnished

1000 HOLSTEINS - 900 REGISTERED

COMPLETE DISPERSAL - MIDROCK HOLSTEINS
William G. Blose, Penn Laird, VA
(Near Harrisonburg)



FEBRUARY 19TH (THURSDAY)
225 REGISTERED HOLSTEINS
Selling Foundation Females from
Virginia State Sales, Southeast Show
Window Sale and National Sales

****

PRODUCTION SALE - WILLOWLYN FARMS, INC.
Carlett, VA (between Fredericksburg and Warrenton)
FEBRUARY 20TH (FRIDAY)
125 REGISTERED HOLSTEINS
A Genuine Cross-Section of the Herd
featuring 50 Cows in Milk
and Heifers of All Ages

****

COMPLETE DISPERSAL - RIVERSIDE J FARM
Locust Dale, Virginia
(between Culpeper and Orange)
FEBRUARY 26TH (THURSDAY)
300 REGISTERED HOLSTEINS
162-Cow Milking Herd

****

VIRGINIA HOLSTEIN ASSOCIATION SPRING SALE
Rocky Mount, VA (Near Roanoke)
MARCH 12TH (THURSDAY)
150 REGISTERED
FRESH AND SPRINGING HEIFERS
A Limited Number of Fancy Calves
with Outstanding Pedigrees,
and A few Outstanding Young Fresh or Close Cows

****

DISPERSAL OF THE MILKING HERD
AND CLOSE BRED HEIFERS
HOMESTEAD M DAIRY
Staunton, VA
MARCH 13TH (FRIDAY)
200 HOLSTEINS (50% REGISTERED)

****

For Detailed Brochures and Catalogs Contact

804-644-LAND
OWNBY AUCTION & REALTY CO. INC.
BROOK ROAD RICHMOND VIRGINIA

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 14 - 9:30AM Forklifts, Step Vans, Stake Trucks, Cars & PUs. Con-Edison, Astoria, NY. Vilsmeier Auct. Co., Inc.

SAT. MAR. 14 - 10AM Walker Bros. Langley Rd., Porchtown Centerton Rd. Melvin E. Sickler, Auct.

SAT. MAR. 14 - 10AM Public Sale at Rudnick's Sales, Rt. 213, Galena, MD. Harry Rudnick & Sons, Inc.

SAT. MAR. 14 - 10:30AM 1976 Chevy ¾ ton truck w/8' Eby Cattle Bed, Farm Mach., HH. Take Rt. 222 through Quarryville past Presbyterian Home W. of cemetary along Scottland Rd. First big farm on right.

By: Clyde H. & Barbara M. Miller. Kreider & Kline, Aucts.

SAT. MAR. 14 - 11AM Rising Sun, MD, Eastern Shore Show Case Registered Holstein Sale. At Hunters Sale Barn. Bob Knutsen, Rising Sun, MD 21911.

SAT. MAR. 14 - 11AM Farm Eq. & Tools. 841 Rothsville Rd., Lititz, PA. For: Phares M. & Elizabeth H. Weaver. Paul E. Martin & John D. Stauffer, Aucts.

SAT. MAR. 14 - 12 Noon Eastern National Heifer Calf Sale and PA "Angus On Parade" Sale. Ag Arena on the campus of PA State University, University Park, PA. Sponsored by: PA Angus Assoc. Col. Mike Jones & Col. Harry Bachman, Aucts.

SAT. MAR. 14 - 1PM Real Estate, Farm Machinery, Cattle, HH. Heart of Big Valley, Mifflin Co., Belleville area. Stephen W. & Bertha M. Zook, Owners. Daniel Zook, Mark Yoder, Aucts.

SAT. MAR. 14 - 2PM Real Estate. Located Water St. in Goodville, PA. George M. Reed, Owner. Nevin Martin & Lewis Groff, Aucts.

SAT. MAR. 14 - 2PM 76 Acre Farm. Located along Orchard Rd. in Brecknock Twp., Lanc. Co., PA. From Turnpike Exit 21 take Rt. 272 N. to Rt. 897, go S., 2nd road left, Gehmans School Rd., at Orchard Rd. turn right, 1st farm on left. Amzie L. & Suzanna Zimmerman, Owners. LeRoy S. Horst, Auct.

FREDERICK COUNTY'S 21ST ANNUAL

CONSIGNMENT SALE

MARCH 13 & 14, 1987

FREDERICK FAIRGROUNDS

INDUSTRIAL & FARM EQUIPMENT

ANYTHING FOR THE FARM

Contractor's Equipment: Trucks, trailers, autos, trailer load of new tools.

Consign early to a reliable market, where we sell anything brought in.

Turn your unwanted items into quick cash.

Sale Managed by the Family of

MEHRLE N. WACHTER

301-663-5990

CONESTOGA AUCTION COMPANY, INC.

1987 SPRING GUN SALE

Consignments Are Now Being Accepted For Our March 23, 1987 Spring Sale Of Antique Firearms, Quality Modern Firearms, Powder Horns, Ammunition Decoys, Quality Fishing Equipment and Related Items.

To include properties in this sale please contact Jeff DeHart at Conestoga Auction Company 717/898-7284. Consignment Deadline February 11, 1987.

CONESTOGA AUCTION COMPANY, INC.
PO Box 1, Manheim, PA 17545

MESSICK FARM EQUIPMENT

Annual Consignment Auction

Thurs., March 5, 1987

Equipment you have no more need of, consign it to this public sale.

We will list it free if you bring it in before Feb. 23, Call (717) 367-1319, (717) 653-8867, 1-800-222-3373.

Sale Conducted By:
Raymond Miller's Auction Service
A0617L
717-653-8762

PUBLIC AUCTION

FARM EQUIPMENT; TRUCKS; SHOP EQUIP. HOUSEHOLD GOODS; GUNS

SAT., FEBRUARY 28, 1987

at 9 A.M.

Turn N. off Rt. 94 in Blairstown at the blinker light onto Millbrook Rd. & County Rd. #602 toward Millbrook for 2 miles to Farm, across from lg. pond in Warren Co., New Jersey.

TRACTORS: Case Comfort King 1030, wf, etc; NI 501 frt end loader w/5' hyd bucket for same; Farmall 460 w/fh, good rubber; Int 444 utility w/3 pt; Meyers sn blade for same.

TILLAGE: Oliver 3 pt 4 or 5 bot semi mtd pl; Oliver 3 pt 3 bot pl; JD 7 coil tooth transport field culti; 10' transport disc; JD 4 sec harrow; 9' steel land roller; Anderson 5' PTO hyd rocker picker; 4' hyd rocker picker.

HAYING: NH 461 haybine; NH 404 hay crusher; NH 450 - 3 pt 7' mower; NH 56 rake; JD 336 baler w/ejector; (6) 6 ton bale wagons w/8'x8'x16' oak sides all like new; Nicholson hay tedder; Cardinal 35' bale & c elev; Smoker 24' bale & c elev; 15' & 25' tube type elevators; Brillion 8' cultipacker w/Gandy grass seed attach; Ezee Flow 10' lime drill; 150 & 200 gal weed sprayers; JD #16 flail chopper; Int 3 pt #311-5' rotary cutter.

MISC.: 3 pt 6' blade; 4'x8'x8' gravity flow box; 100 gal pickup truck fuel tank; 300 gal fuel tank; 500 gal fuel tank w/elec pump; NH pulley c sheller; Big Boy steam Jenny; oxy-acety outfit w/buggy; 180 AMP elec welder; 1½ hp twin cyl air comp; 3000 watt gen w/Wisconsin engine; circular saw w/Wisconsin p unit; Wisconsin p unit; 3 pt firewood splitter; ready cut firewood, mostly oak; 2 hp gas engine; Gravely tractor w/pl, culti & mower; Cub Cadet 122 riding mower; Cadet 75 riding mower; roto tiller; lg tap & die set; Homelite chain saw; ¾" & 1" socket sets; bench grinder; skil saw; lot of asstd wrenches; elec parts cleaning tank; 2 anvils; port 15' engine pulling crane; lg cattle water tank; 500 lb platform scale; Buchs two hole c sheller; port cement mixer w/4 hp engine; 40' alum ext ladder; 24' & 40' wdn ext ladders; 75-6½' treated fence posts; new dried rough saw oak lumber boards; 2x4's & 3x4's; Moto Ski 375 snowmobile; Craine silo dr frames & doors.

TRUCKS: 1965 Ford 600 w/14' stake body; mid 50's Int farm dump truck; 1938 Ford V8 dual wheel truck.

HAY: Approx. 10 ton Timothy & Brom (no rain).

HOUSEHOLD, ETC: 22 cu ft chest freezer; Monarch coal & elec comb stove; sq oak ext table w/claw ft & rope twist edge; rd oak ext table w/claw ft; old parlor organ; LR, BR & DR furn; 2 dr cedar wardrobe; kneehole desk, sm wdn butter churn; stoneware crock, James tin cow weather vane; 1 hp self-contained meat grinder; sausage stuffer, misc other misc household items.

GUNS: Ithaca 12 ga hammerless dbl barrel; Fox Sterling 12 ga hammerless dbl barrel Springfield 30-06 bolt action; Lefever 21 ga dbl barrel; 22 cal semi auto; German (7 MM-?) bolt action; German helmet; clay bird thrower

Sale Order: Small shop items at 9 AM; HHG 10 AM; Guns 11 AM; Farm equip. & Trucks approx. 12:30. Two auctioneers selling.

Auct. Note: Farm has been sold Everything sells to the highest bidder.

TERMS: Cash or Acceptable Check.
Refreshments Available

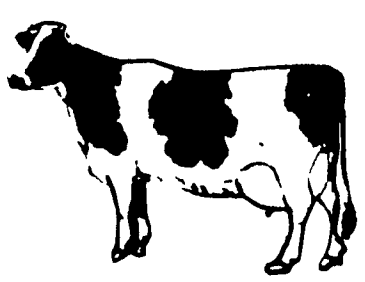
Ordered by
KOPYCINSKI BROS.

Conducted by
Ralph W. Zettlemoyer Auction Co., Inc.
(215) 395-8084
Pa. License #AU-001809-L

P.O. Box 215 • Fogelsville PA 18051 • 215-395-8084 • License #AU001809-L
RALPH W. ZETTLEMOYER AUCTION INC.

Petersheim Auctioneers

CLA-FAN HOLSTEIN DISPERSAL



WEDNESDAY, FEBRUARY 11, 1987

10:00 A.M.

8 miles East of Lancaster City, Lancaster County, PA,
1 mile North of Route 30 on Route 897.

1986 rolling herd average 17,700 milk, 3.6 fat, 127,000 Somatic cell count.

11:00 A.M.

80 Head REGISTERED AND HI GRADE CATTLE 80 Head

36 head, off springs of CoN-Nol Farms herd; 42 milk cows, 19 head milking with first and second calf; 11 head fresh and due in January and February; **4 animals scored very good, 10 good plus.**

Auctioneer's Note: This is a great opportunity to purchase registered or grade cattle with good production and type, and foundation animals.

CoN-Noll Superior Kelma 87 VG	Fresh 9 9 86	Sire Superior	6 04 years	Projected 20 701 M	826 F
			5 04 years	21 129 M	3 7 F
CoN-Noll Marvex Frebird 83 G+	Due Feb	to Chief Stewart	4 years 327 days	21 973 M	709 F
2 Daughters sell	1 Due feb	Sired by Very			
	Yearling	Sired by Chief Stewart			
CoN-Noll Marvex Omega 82 G+	Fresh 1 3 87		5 04 years 326 days	21 113 M	844 F 4 0 F
CoN-Nell Gay Janelle 85 VG	Due May	to Vintage	9 03 years 315 days	22 857 M	774 F
Daughter sells		Sired by Ace			
CoN-Noll Very Cutie 82 G+	Due 5/23	to Paymaster ET	3 03 years 310 days	18,439 M	731 F 4 0 F
CoN-Noll Oak Star Eloise	Due 7/15	to Troy	2 11 years	Projected 18,867 M	742 F
CoN-Noll Superior Jasseen 81 GP	Due 8/27	to Truxton	3 00 years	22,039 M	686 F
2 Daughters sell					
Jennie - Fresh 7/86	Due 7/87	to Mandate	1 08 years	Projected 16,252 M	533 F
Jane - bred heifer		Sired by Stewart			
CoN-Noll Oak Star Ginger			3 00 years	Projected 16,881 M	532 F
Magician Faith 86 VG	Due May	to Steady	6 10 years	Projected 19,906 M	813 F 4 1 F
Sunny-Craft Tony Leila G 82+			3 02 years	Projected 17,957 M	651 F 3 7 F
2 Daughters sell	both Sired	by Chief Stewart			
Cla Fan Mil-Nor Jodie	Fresh 10/10		2 01 years	Projected 14,600 M	3 8 F
Grade 8 Sired by Magnet	Due 5/20	to Rusty	2 years	Projected 22,875 M	671 F
Grade 100 Sired by Oak Star			2 years	Projected 18 939 M	534 F
Grade 26 Sired by Fury Ivan	Due July	to Behavior		Projected 21 686 M	959 F 4 3 F
Grade 50	Due after sale	to Troy	6 03 years 320 days	23 369 M	842 F 3 6 F
Grade 69	Due before sale	to Warsaw	2 01 years	19 434	755 F 3 8 F
Grade 73	Fresh 12/21		3 01 years	21 740 M	
				977 4 5 F	

Animals all vaccinated, certified, accredited health records, pregnancy checked

BARN EQUIPMENT, FEED, ETC.

M-M BF gas tractor; Bush Bull pull type 5' rotary mower, flat bed wagon, 3 calf hutches, 3-16' hay racks; 8' hay rack; 2 circulating fans, **3 Delaval D-V-300 milker units**; feed carts, brooms, shovels, etc , high moisture corn, hay, 4 ton Stoltzfus feed bin, wagon load small items

Pedigrees: Henry Kettering

Auctioneer: Steve
Steve Jr. **Petersheim:**
717-786-4624
Lic. #AU-001349-L

Owners:
CLAIR & FANNIE BOWMAN

Food On Premises

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

MON. MAR. 16 - Farm Eq. & Tools. Along Rt. 272. Adamstown, PA. For: Willie D. Stober and Sons. Paul E. Martin & John D. Stauffer, Aucts.

MON. MAR. 16 - Farm Eq. Along Rt. 441, Marietta, PA. By: Robert Mowrer. Harold Shaffner, Auct.

TUES. MAR. 17 - Farm Eq. Located 3 mis. E. of Danielsville along Rt. 946, Northampton Co., PA. Peter & Elizabeth Pagotto, Owners. Ralph Zettlemoyer Auct. Co.

TUES. MAR. 17 - 9AM Registered Holsteins, Farm Machinery. Mifflin Co., 1 mi. N. of Belleville, PA. John Y. and Irene Bawel. Mark Glick, Auct.

WED. MAR. 18 - 9:30AM Charles N. & Robert C. Miller Farm Eq. Just off the Fruitville Pike, 4 mis. SE of Manheim, PA, approx. 4 mis. N. of K-Mart Shopping Center and Rt. 30 bypass. E.M. Murry Associates, Aucts.

WED. MAR. 18 - 11AM 80 Hd. Reg. & Hi Grade Holsteins, Farm Mach. For: Charles Kuperus, Losey Rd., 10 mis. NE of Newton, NJ. Col. Fred R. Daniel Aucts, Inc.

MON. MAR. 16 thru THUR. MAR. 19 - Slaughter Animals for World Relief, New Holland Sales Stables, New Holland, PA. Hog Sale Mon. Mar. 16. Cow, Calf, Beef Sale Mon. Mar. 16 & Thurs. Mar. 19. C.L. Stoltzfus, 215-286-5995.

THURS. MAR 19 - 9:30AM Farm Eq. & Milking Eq. Located Rt. 74 S. of Airville, turn W. on Bridgeton Rd. go 1½ mis. to crossroad and continue straight to first lane on right. Mr. & Mrs. C. Robert Kilgore. Blaine N. Rentzel, Auct.

SOLANCO COMMUNITY FARM EQUIPMENT CONSIGNMENT SALE

Location: 1 mile south of Quarryville on Route 222. At the Crossroads of Route 222 and Solanco Road, Lancaster Co., Pa.

WEDNESDAY, MAR. 4, 1987

11:00 A.M.

Farmers— Need Operating Capital?
Turn unused equipment into Cash.

For information or consignment call 786-1304. Between 9 a.m. & 4 p.m. An absolute auction sale.

All major items listed on or before Feb. 14 will be advertised. Equipment to be delivered to sale site week of Feb. 23 to 27, 9:30 A.M.-3:30 P.M.

Sale Managed By
PENNSTAR FARM
786-1304

Aucts.: E. Kreider, Bucher & Heaps AU000512L

AUCTION SALE

GREAT TRUCKS- EXCELLENT COMBINES - GOOD TRACTORS- GRAIN TANKS

Having Discontinued farming operation, Curtis Steen, Jr. will sell the following farm equipment on

SATURDAY, FEBRUARY 14, 1987

Beginning At 11:00 A.M.
Piney Neck Road
Dagsboro, Delaware

Additional items have been consigned by neighbors.
Everything sells to the highest bidder.

Combines, etc:

John Deere 6620 combine w/4 wheel drive, new condition, only 351 hours & 215 Flex header, Sn 506036, 1982, 24.5x32 front tires, 16.9x26 rear tires; John Deere 6620 combine w/215 flex header, only 1160 hours, 1981, Sn 455934, ex. cond.; John Deere 7700 turbo, 1978, rotary screen, only 2594 hours, 24.5x32 tires, 216 rigid head, in ex. condition; 3 John Deere 444 corn heads, all in excellent condition; John Deere 222 Flex grain head.

Tractors:

John Deere 4630 w/hydraulic front wheel drive, cab and air, 3974 hours, quad range, 20.8 tires, factory duals, high back seat, Sn 22684, 1976, very good; John Deere 4430 w/cab and air, 4450 hours, quad range, 20.8x38 tires, high back seat, 1976; John Deere 4430 w/cab and air, quad range, dual remotes, 5300 hours, high back seat, 1975; White 2-135, 1978, cab, air dual remotes, quick hitch, 18.4x38 tires, only 1745 hours; John Deere 600-A high cycle highboy w/gas engine, 40' booms, 647 actual hours; John Deere 3020, excellent condition, on dash hydraulics, 16.9x34 tires; 1984 Case 1816C skid steer loader w/48" bucket, 294 hours, excellent condition; International 674 low profile w/high low trans., 2183 hours; International 2250 loader w/manure bucket; 1981 Ford CL-30 skid steer loader, hydrostatic drive w/60" bucket; Massey Ferguson 1135 w/cab and air, quick hitch, 20.8x38 tires, 2414 hours; Massey Ferguson 1105 w/cab and air, 18.4x38 tires, 3174 hours; Ford 700 diesel, 16.9x38 tires, 5 front weights, 2377 hours.

Trucks:

1976 GMC 6500 w/14' dump, 23,120 actual miles, w/366 engine, 5x2 trans, 23,100 GVW, in ex. condition; 1979 GMC w/15' New Leader L-70 double spinner manure body, wide chain, only 10,150 miles on whole unit, V-8 w/5 speed, ex. condition; 1976 Chev. C-65 w/15' Meadows dump, 5x2 trans., 366 engine, 9:00x20 tires, 65,000 miles, good condition; 1973 GMC w/16' Spicer dump body, 81,500 miles, 5 speed, 366 engine; 1965 GMC w/New Leader L-70 16' manure body, wide chain; 1972 Chevrolet w/New Leader L-70 14' body, needs engine; 1978 Ford F-250 4 wheel drive pickup w/Meadows utility body, Auto., Air, 65,000 miles; 1984 Olds Delta 88, Steel blue, air, cruise, 4 door, 75,000 miles, Md. inspected.

Grain Tanks:

3- 20,000 bu. BSB tanks w/floors; 1- 20,000 bu. Long tank; 2- Elevators; M & W continuous flow gas dryer; REMOVAL 9 MONTHS.

Planters and Implements:

International #800- 10x18" plow, good cond.; JD 7000 8 row wide planter w/insecticide; JD 26' slide axle trailer; MF 43 grain drill, 22 spout, single disc openers; Hardee offset bush hog, hydroslide; MF 620 17' disc. very good; JD 1710 mulch cutter, 11 chisel teeth, 18 cone disc; JD BWA 14' disc; International #133 8 row Fold S tine cultivator w/rolling fenders; 2 Westco 8 row wide cultivators, hydraulic fold; Ferguson 12 pull type chisel plow; 2 hydraulic jack & house jacks; JD 737 15' rotary cutter; JD 145 6x16 semi-mt plows; JD 145 5x16 semi-mt plows; JD 400 15' rotary hoe; Int'l #45, 22' vibra shank field cultivator, hydro fold; Bowman manure conveyor w/9 hp Briggs engine; 2- 4 row S tine Westco cultivators; Spray Rite sprayer 40' hydro booms, 200 gal. tank, 3 pt.; 2000 gal. fuel tank; 75 hp electric motor.

Directions: US Rt. 113 south from Dover, turn East on Rt. 26, go to light, turn left, take first right, go ½ mile, sale on left.

Inspection: All equipment will be on yard on Wednesday before sale.
Terms: Cash or good check on day of sale.

CURTIS W. STEEN, JR. Owner

Pete Richardson Auction Sales
P.O. Box 51
Willards, Md. 21874
546-2425 Office
742-6220 Home

PUBLIC AUCTION

Discontinuing Farming

SATURDAY, FEB. 21st, 1987

11:30 A.M.

Located 1833 Pioneer Road, 4 mi. Southeast of Lancaster, 1 mi. Northeast of Lampeter, Off Rt. 741.

FARM TRACTORS, MACHINERY, TOOLS, MISC. and some household goods.

International Harvester 300 Utility; International Harvester Farmall 300; Farmall MD; **1925 Fordson On Steel, Original, running condition;** 2 IH F.H. 2 B. 16 in. Plows; International Harvester 28. Disc; Coby Cultipacker 10 ft.; J.D. Spring Harrow 10 ft.; NI 206 Spreader; Pequea Hay Tedder; NI Hay Crimper No. 272; Land Roller; International Harvester 2-Row Corn Planter; Ferguson 3P. Cultivator; 2-Row Tobacco Planter; Cement Mixer with motor; PTO Generator; 4 Flat Bed Wagons; JD 14t Baler; Clark 200 gal. Sprayer; AC Flail Chopper; JD Rake; JD Drill; Wood Bro. Corn Picker; New Holland Elevator with motor; 16 ft. Elevator with motor; Ford 3p. Rotary Mower; 2 Hole Corn Sheller; Wood Saw; Bower ½ ton Feed Mixer; 2 - No. 73 DeLaval Milker Pumps and Units; 24 Milk Cans; 52 gal. Water Heater; SS Wash Tub; Souder Snow Plow; International Harvester No. 10 Hammer Mill; Papec Silage Cutter; 1200 Tobacco Lath; 3 Electric Fence Chargers; Fence Posts and wire; Some Tools, Straw and Ear Corn; Farm Gates; Signed Iron Troughs; Dehorner; Fairbanks Scales; Sunbeam Clippers.

Household Items include Antique Drop Leaf Extension Table; other tables; 2-Lid Wood Box "needs help".

Not responsible for accidents
TERMS - Cash or acceptable checks.

Owner
EARL R. SIMMONS
717-464-4040

Auctioneer
Cloyd Wenger AU000995L
717-464-2003

PUBLIC AUCTION

FARM MACHINERY, PROVENDER, MILK EQUIPMENT, TOOLS

SATURDAY, FEB. 14, 1987

10:30 A.M.

LOCATION: ON PREMISES - Lone-Sycamore Farm (Formerly Dr. Hogg's). Located on edge of Oxford, PA. Boro. Off Rt. 1 By-pass, take Rt. 472 exit into Oxford. 1st farm on the right. Between Boro. & By-pass. 28 mi. S. Lanc. & 20 mi. N. Elkton, MD.

FARM MACHINERY & RELATED ITEMS - Hesston hay stacker, Fox silage blower, Fox field chopper, Ford 2 bt. plow (3 pt. hit), sm. compressor, elevator, battery charger, wheel barrows, gas weed-eater, hyd. jack, cutters, sledge, pick-up tool box, scale, irons, picks, shovels, forks, some hand tools, elec. chain saw, ladders, plywood & lumber, horse & pony saddles & tack, refrigerator, tractor weight, 40 ft. poles, sprayers, Other items not listed. Be on time!!! Also 300 gal. tunk w/pump.

PROVENDER - 300 tons good top corn ensilage, 10 tons hay, 100 bu. rye, 3 lg. hay squares.

(2) PATZ SILO UNLOADERS & FEEDER

DAIRY EQUIPMENT - 4 unit DeLaval milkers w/125 ft. 1½" glass line, 515 gal. James mfg. co. tank, 430 gal. Majonnier tank, dehorners, feed carts, hip lift, (15) calf hutches, (35) calf collars, feeders, buckets, stainless items, Other items not listed.

Above list for adv. purposes only. No guarantee authenticity or recourse. Not resp. for accidents.

TERMS: Cash or Check w/ID

By Order:
LONE-SYCAMORE FARM
Bob Elliott - Farm Mgr.
For Info. Call (215) 932-4759

Whiteside Auction Service
(215) 932-2291 or 932-2114
Auctioneers & Appraisers
AU-002368-L & RE012618A
Snow Date Feb. 21

PUBLIC AUCTION

38 Highly Productive Holstein Cows, Bred & Open Heifers, Mules, Farm Machinery, Household Goods

TUESDAY, FEB. 24, 1987

9 A.M.

LOCATED: Rt. 272 from Lancaster, Pa. 20 Miles South to Wakefield Crossroad turn West, First Farm.

Terms by
JONATHON H. & FANNIE K. BEILER

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394

KREIDER & KLINE AUCTION SERVICE

PUBLIC AUCTION

FARM MACHINERY, ANTIQUES HOUSEHOLD GOODS

SATURDAY, FEB. 21, 1987

9 A.M.

Location: Take Rt. 272 South of Lancaster 9 Miles. Or 4½ Miles North of Buck, turn East on Pennsy Rd. ¾ Mile to sale.

D 19 AC Diesel Tractor, wide front; D 17 AC Gas Tractor w/loader; C AC Tractor w/cultivators; 70 lb. Int. tractor weights; AC 3-16" bottom plow snap coupler; NH Haybine, 9 ft. cut; Int. 540 4-16" trip bottom semi Mounted plow; Int. 7 tooth hyd. chisel plow; Miller disc; AC transport disc; McCor. spring harrow; Brillion cultipacker; AC no till 4 row corn planter; Int. 2 row corn planter; 2 hole corn sheller; corn wagon; Bin wagon w/Int. 30 running gears; AC side mount 7' mower; Int. 100 2 pt. 7 ft. mower; NH 55 rake; JD 4 bar rake; JD hat fluffer; NH 68 pto baler; David Bradley elevator; 2-16 ft. flat bed wagons; Gehl chuck wagon; Fox blower; NH tank spreader; Minnich bale box; 60 hand split tobacco lath; Syracuse walking plow; shovel harrow; buck saw; GE welder; 250 gal. Dairy Kool milk tank; 2 gas tanks; 50 gal. oil tank w/pump; shallow well piston pump w/tank; 1 & 2 hrp. elec. motor 220v & 110v; 2 wheel wagon w/pump bed hyd pressure, 2 cylinder; lawn fert. spreader; Club Cadet 125 Hydro 12 hr. mower; power lawn mower; Clover seed sewer; tree sprayer w/double action pump; hinges; cement tools; berry crates & boxes; Indian stone; cement tools; signed draw knife; milk cans; Conestoga wagon jack; tires. 1976 Ford, 4 WD, 4 speed, ¾ ton, heavy duty pickup, power steering & brakes, w/snow plow.

Winchester Model 12 20 Ga. Pump, Excel. cond. 3 Pc. Bedroom suite, complete; 7 pc. Bedroom suite includes twin beds; Maple bed; iron bed; day bed; high chair; china closet; 2 oak cain bottom chairs; floor model radio; Auto Harp; Kelv. dryer; oak wall telephone; shelf clock; copper tea kettle; iron kettle; agate tea pot; brass scales; butter churn; cigar mold; glass ware; sherberts; goblets; lantern; flat irons; slaw cutter; coal oil lamps; Queen Dairy Adv. pc.; dated jars; Christmas dated Coke bottle; bone handled forks; knives; 2, 3, & 5 gal. pudding crocks; sausage stuffer & grinder; butchering fork & laddles; picture frames; shadow box; sq. table; linens; comforts; feather ticks; old newspapers; old albums; view master; pin cushion; beaded hand bag; old iron meat slicer; wooden change box.

Items to numerous to mention. Lunch available. NO OUT OF STATE CHECKS. Sale order: Small wagon items, HH goods, Machinery.

TERMS BY
IRA T. & MARY H. HARNISH

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good,
Gary Shirk, 717-786-3394

KREIDER & KLINE AUCTIONEERS

Public Auction Register

17th Annual CONSIGNMENT SALE

Two-Day Public Auction

DONALD SCHEESE FARM
Cohansey-Friesburg Road
RD 3, Box 288, Elmer, NJ 08318

FRI., MARCH 6, 1987
SAT., MARCH 7, 1987
9:30 A.M. Sharp

TRACTORS WILL BE SOLD ON FRIDAY

Tractors, combines, trucks, implements- all types of farm equipment

Receiving equipment up to Mar. 5, 1987. For information call 609-455-3462 or 609-769-4025. Watch for listing before Sale time.

Auctioneers: Blaine Rentzel
Clyde Wolgemuth

Lunch Available

THURS. AND FRI. MAR. 19-20 - Farm Equipment, Tractors, & Parts. Clyde E. Keener Estate, 1531 Manheim Pike, Lanc. Wolgemuth Auction Service.

FRI. MAR. 20 - 9AM Spring Consignment Sale. Cumberland Co., Newville, PA. Sensenig's Auctioneering Serivice, 717-776-5054.

PUBLIC SALE OF FORMERLY PAUL'S HOME SALES

J.D. #850 Turf Tractor
14'x70' Mobile Home
Power, Shop, Construction & Hand Tools, Plumbing, Elec., Mobile Home Parts, Car & Truck

THURS., FEB. 19, 1987
At 9:00 A.M.

Loc: Along Rt. #283 Mount Joy, Rapho Twp., Lanc. Co., Pa. Behind Ewing Assoc. (Dir: Take Rte. 283 about 8 mi. West of Lanc. to Mount Joy exit. Follow signs to sale)

Sale by
PAUL'S HOME SALES
CHRISTIAN K. HUBER

Howard Shaub 464-3541
Auctioneer (AU-000831-L)

FRI. MAR. 20 - 11AM Bright Meadows Farm Dispersal of 140 Head Reg. & Grade Holsteins. Richard H. Albright, Jr., Owner. Backus Assoc., Inc., Sale Managers.

FRI. MAR. 20 - 12 Noon Farm Machinery. 12 mis. S. of Red Lion off Rt. 74 at Airville take Rt. 425 N. about 2 mis. to first crossroads turn right on Posey Rd. to sale. Terms by: Barry Johnson. J. Everett Kreider, Bucher, Heaps, Aucts.

FRI. MAR. 20 - 6:30PM Consignment Sale of Feeder Pigs and Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

FRI. MAR. 20 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

SAT. MAR. 21 - Small Dairy Herd, Farm Eq., Lots of Antiques. Elwood Johnson, N. of Carlisle along Rt. 74. Rick Foreman & Kevin Wickard, Aucts.

SAT. MAR. 21 - 8:30AM Valuable Antiques, Farm Machinery, Personal Property. Stoney Battery Rd., Mountville, PA. For: J. Harry Enders. J. Omar Landis & Jay M. Witman, Aucts.

SAT. MAR. 21 - 8:30AM Consignments Now Being Accepted. Utility & Transportation Contractors Assn. of New Jersey, Wall Twp., NJ. Vilsmeier Auct. Co., Inc.

SAT. MAR. 21 - 9AM Kempton Community Center, Northern Berks Co. 24th Annual Spring Sale. 14 Aucts. 215-756-6973, 756-6532.

SAT. MAR. 21 - 9:30AM Full Line of Farm Machinery, HH, Antiques, 1942 Chevy PU, 36,000 org. mis. 5 mis. N. of Oxford off Rt. 896. Horace & Laura Prang, Owners. Steve Petersheim & Steve Jr., Aucts.

SAT. MAR. 21 - 9:30AM Carl H. & M. Jane Longenecker Farm Eq. E.M. Murry Associates, Aucts.

SAT. MAR. 21 - 9:30AM Lampeter Fire Co. Benefit Auction, Community Field, Rt. 741, Lampeter, PA. Hay, Straw, HH, Lawn & Garden Eq., Antiques. Cloyd Wenger, Auct.

SAT. MAR. 21 - 9:30AM Farm Eq., HH, Sows & Feeder Pigs. Adam H. Martin, Rt. 1535, Bethel, PA. Sensenig Aucts.

SAT. MAR. 21 - 10AM Dairy Eq., Farm Machinery. For: E.W. Clucas. Col. Fred R. Daniel, Auct.

SAT. MAR. 21 - 10AM Farm Eq., HH, Straw & Hay. 1 mis. W. of Lititz Borough, Lanc. Co., PA, along Temperence Hill Rd., from Lititz use W. Orange St. go 1 mi. to farm on right. For: Carl H. & M. Jane Longenecker. E.M. Murry Associates, Aucts.

POTATO FARM MACHINERY AUCTION

7 TRACTORS - 12 TRUCKS - IRRIGATION EQUIP.

THURSDAY, FEBRUARY 19, 1987

at 9:30 A.M. Sharp!

For Longview Farms located on Rt. 526 - 6½ miles east of ALLENTOWN, N.J. From N.J. Turnpike use Exit 7A to Interstate 195 east to exit 11, follow Imlaystown sign, at stop sign take Rt. 526 east! Arrows! FARM SOLD!

9:30 A.M. SHOP ITEMS - 2 welders, torch set, elect hack saw, 30 Ton press, drill w/stand, hyd engine jack, floor jacks, spare motors, tires, lig pumps some hyd, transfer pumps, plus 100's of items!

11:30 POTATOE WAREHOUSE EQUIP. - FOLLOWING ALL HAINS POTATOE EQUIP. - bin loader stacker w/30 ft. boom, 50 lb. bagger, chefs 36" sizer 6 roll, 48" metal picking table, 2-26" sizers, 48" washer, 16 ft. elevator w/rubber coated link chain and flights, 12 ft. flume, 25 ft. seed elevator port. w/link chain, 20 ft. and 45 ft. port belt conveyors, 26"x7 ft. roller picking table, 2-seed loaders. **OTHER MAKES** - Weigh O Matic 50 and 100 lb. bagger, 5½ ft. conveyor, Hamer wire bag closer, 2-Lockwood 10 ft. elevators w/rubber coated link chain, Delts Wetzel spool sizer potato cutter, Fishbine hand bag sewer, 6- various size potatoe belt conveyors.

12:45 - DAHLMAN PP 450 - 4 row potato planter - lig or dry - 3 yrs. old - Real Sharp! Lockwood Mark 6 Potatoe Harvestor w/belt chains.

1 P.M. - 7 TRACTORS - INTERNATIONALS - #5288- DL- cab- air- loaded- 1100 hrs. Sharp, #1486- DL- cab- air- loaded- 2700 hrs. clean, #186- DL- hydro- 4 Post cab loaded-clean, #806- DL- 3PTH- WF, #2424 gas utility w/#2000 hyd loader- 3 PTH- PS- reverser trans, 2-Massey Harris's- #444 w/NI hyd loader, #44 special- WF, 2-sets of 20.8-38 duals. **12-TRUCKS & POTATO BODYS - FOLLOWING ARE IHC** - #1600- PS- 2 spd w/16 ft. Ziggy body, #A160-2 spd w/14 ft. Ziggy body, K8-dual trans w/16 ft. Ziggy body. **GMC's** - #450- 2 spd- air brakes w/16 ft. Ziggy body, #450- tranfer case- w/14 ft. Dalhman body, #6500 w/14 ft. Dalhman body, #6500- V6- w/14 ft. Hains body, #6500- transfer case w/15 ft. Ziggy body, #6500 w/15 ft. grain body, IHC #170 w/15 ft. grain body, 2-IHC trucks w/landscaper dumps.

2 M.F. #510 S.P. COMBINES- DL's- CABS w/13 and 14 ft. grain hds. **TILLAGE EQUIP.** - IHC- #418- 3 PTH- 4 btm 18" roll over plow, #416- 3 PTH- 4 btm 16" roll over plow, #316- 3 PTH- 3 btm 16" roll over plow. MF- #520- 18 ft. wing disc on rubber, Brillion 3 PTH- 7 tooth sub soiler, Brillion 14 ft. pull chisel plow, Brillion 22 ft. hyd wing cultipacker, Brillion 17 ft. hyd field cultivator, IHC #78 front mtd cult. **PLANTERS & SPRAYERS** - IHC #510 24x6 grain drill w/press wheels dd disc, AC#600 13 row corn and bean planter (NO Till), Hardy potato sprayer w/48 ft. boom, Ironage sprayer w/J. Bean mist sprayer 300 gal polly tank, 2-1100 gal polly nurse tanks, Gandy 12 ft. fert spdr and 18 ft. disc mtd spdr. **GRAIN EQUIP.** Bauhman 3000 bu grain bin, MC#600- CF grain dryer, sweep auger, 2-Westfield 41 ft. and 26 ft.-6" augers, Mayrath 21 ft. 6" hyd auger, Snoco large grain cleaner w/auger.

2:30 P.M. IRRIGATION - 6 PUMPS - 2-6 cyl-671 GM-DL's w/large Gould pumps, IHC 345 gas w/Marlo pump, Chyr. 413 gas w/Hale pump, 2-V8 Hemys w/Gorman and Marlo pumps. **AG RAIN** #3570 reel type traveling gun w/1200 ft.-4" hose. **10 WHEEL LINES** 4 and 5". **ALUM. PIPE** - 1000 ft. Wade Rain 8"x40 ft., 1000 Wade Rain 7"x40 ft., 6000 ft. Champion 6"x40 ft., 1000 ft. Champion 5"x40 ft. plus valves-tees and related fittings. **ATT-VALLEY CENTER PIVOT** system w/3 towers- 555 ft. w/end gun-low pressure-electric powered-sells w/controls-complete-3-4 yrs old!

NOTE, the farm is sold and everything must sell! The Punk Bros. purchased all there equip. brand new. This Sale offers a lot of machinery used in large scale Potato and Grain farming operation! Lunch! BLIZZARD DATE Feb. 21, 1987 TERMS - Out of State Buyers-Cash or Guaranteed Funds or checks accompanied with a Current Bank Letter of Credit Stating Amount you can spend up to addressed to PUNK BROTHERS - OWNERS. Full Settlement Sale Day. Al 609-259-2921 or Fred 609-259-2961.

SALE CONDUCTED BY:
COL. FRED R. DANIEL AUCTIONEERS INC.
Neshanic Sta., N.J. 201-369-4784
(The Vegetable Farm Equipment Auctioneers)

PUBLIC AUCTION

FARM MACHINERY, FEED, DAIRY EQUIPMENT, HOUSEHOLD GOODS

The undersigned, having sold his farm, will sell the following at public auction on the farm located at 802 Ashville Road, Lancaster Co., Oxford, Pa. From U.S. Rt. 1, take Nottingham Exit to Rt. 272 north approx. 4 mi. to Pine Grove Rd. Take Pine Grove Rd. north to Hart Rd; left on Hart Rd. to 1st farm on right. From Quarryville, Pa., take Rt. 472 south approx. 6 mi. to Spruce Grove Rd.; right on Spruce Grove Rd. approx. 3 mi. to Ashville Rd; left on Ashville Rd. ½ mi. to farm.

SATURDAY, FEB. 14, 1987

10 A.M. Sharp
Signs posted.

FARM MACHINERY: J.D. 4020 diesel tractor w/front 5 range, J.D. 1010 tractor w/front, J.D. B tractor - power troll, A.C. D-19 tractor, J.D. 36-A loaded w/snow bucket & fork, scraper blade 7', J.D. 2600 5 bottom 16" reset plow, J.D. KBA 10' disc, J.D. 210 disc, 504 Vermeer baler, Brillion 11' cultipacker, J.D. 16' wheel barrow, Brillion 14' cultipacker, Mohawk 11 tooth chisel plow, N.I. 2 row wide corn picker 12" husking bed, A.C. no-till corn planter w/monitor & boxes, Ferguson 2 row cultivator, J.D. 2 row mounted workers, Int'l. cultivator, J.D. 336 baler w/thrower, N.H. 479 haybine, N.H. 258 hay rake, Pequea hay tedder, N.I. 270 conditioner, 2 J.D. 960 hay wagons, 1 7 ton hay wagon, 3 N.H. 6 ton grain wagons, Little Giant grain wagon, N.H. 1880 self-propelled harvestor w/3150 cat engine w/2 row wide head & 3 row narrow head w/pickup head, N.H. 28 blower w/40' pipe, 2 A.C self-unloading wagons w/electric wheels, A.C. 8 ton wagon, J.D. #8 mower, Massey Ferguson 510 combine w/4 row wide head - 13' grain head & down corn attachment, A.C. combine - PTO, Century sprayer - 250 gal. tank - 14' booms & pump, N.I. 3 beater spreader, Little Giant 36' PTO elevator, N.H. 30' elevator, Ruth 34' elevator, 2 1 ton cattle feeders, creep feeder 400 lb. cap., 1000 lb. platform scale, 500 lb. platform scale, Echo weed eater, Echo 451VL 16" chain saw, 4000 bu. grain bin w/air dryer & MFS storage, 500 gal. fuel tank, 100 gal. fuel tank, 150 gal. fuel tank, header wagon, tool box for pick-up, 1964 16' dump 150 gal. fuel tank, header wagon, tool box for pick-up, 1964 16' dump truck for grain, 3 wagon loads of small farm tools & supplies.

FEED: 2000 bu. ear corn, 1000 bales mixed hay, 1000 bales wheat straw.

HOUSEHOLD GOODS: Lovely cherry loveseat in excellent cond., cherry rocker in excellent cond., etc.

Lunch will be served by Grange.
Not responsible for accidents day of sale
TERMS: CASH or approved check with letter of credit from bank and proper I.D.

OWNER:
CHARLES J. WALLACE
802 Ashville Road
Oxford, Pa. 19363
Phone: 717-529-2754

ABERDEEN SALES CO. INC.
Phone: 301-836-7590

Sale Managers/Auctioneers
Located in Churchville, Md.
Auctioneers: Lloyd Kreider
Quarryville, Pa.
AU 000 513 L
Kent Ferrell, Jr.
Churchville, Md.

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 21 - 10AM Farm Mach., 145 Acres Land (1PM). Located Mifflin Co., 3½ mis. W. of McVeytown, PA, turn S. off Rt. 22 on Irvin Hill Rd., beside the Wayne U.M. Church. Merle P. Sunderland. Mark Glick, Auct.

MON. MAR. 23 - M.M. Weaver & Sons Annual Consignment Auction, 169 N. Groffdale Rd., Leola. Paul E. Martin, John D. Stauffer, Auctioneers.

MON. MAR. 23 - Spring Consignment Gun Sale. Conestoga Auct. Co., Inc., P.O Box 1, Manheim, PA 17545. 717-898-7284.

TUES. MAR. 24 - Ben Herr Farm Machinery Sale. Chestnut Level area. J. Everett Kreider, Auct.

WED. THURS. FRI. MAR. 25, 26, 27 - Large Three Day Sale of Farm Eq., etc., at our place of business, 1 mi. E. of Marion, PA, off Rt. 81. Ralph W. Horst, Manager.

FRI. MAR. 27 - Real Estate & Farm Eq. 4 mis. N. of Fogelsville, Lehigh Co., PA. For: Joan & Dennis Dominick. Ralph W. Zettlemoyer Auct. Co., Inc.

FRI. MAR. 27 - 9:30AM Good Line of Farm Machinery. Located Mifflin Co., 1st farm S. of Allensville, PA. Off Rt. 655. Mrs. Fred (Dorothy) Hartzler. Mark Glick, Auct.

FRI. MAR. 27 - 12 Noon Selling approx. 60 bulls at PA Department of Agriculture's Meat Animal Evaluation Center, 651 Fox Hollow Rd., State College, PA. Glenn Eberly 814-238-2527.

SAT. MAR. 21 & SAT. MAR. 28 - 2 Day Auction of 4 Tractors, Power Machinery Tools, Antiques, Livestock, Furniture, Local Collectibles. Formerly Stubbs & Evans Farm. #403 Woods Rd., Oxford, PA. By order of Donald G. Brown, Owner. Jeff E. Whiteside & Harry W. Whiteside, Aucts.

FRI. & SAT. MAR. 27 & 28 - Two Day Auction, Toys, Literature, Tractors, Eq., Parts. Hayner Bros., Cherry Valley, NY, Owners. James MacFadden, Jr., Auct.

SAT. MAR. 28 - George McDonald Farm Machinery, Milk Tank & Tools Rising Sun, MD. J. Everett Kreider, Auct.

SAT. MAR. 28 - Milligan Bros. Machinery Dispersal, Loysville, Perry Co., PA. Kling's Auct. Service.

SAT. MAR. 28 - Farm Eq. Located RD1, Washington Boro, PA. For: Raymond H. & Marian G. Shertzer. Paul E. Martin & John D. Stauffer, Aucts.

Dairy and Livestock Sales

SLAUGHTER ANIMALS
For World Relief
NEW HOLLAND SALES STABLES

New Holland, Pa.

March 16 - 19, 1987

Donations of slaughter cows, steers, bulls, hogs, calves, goats will be accepted. Special arrangements have been made for the animals to be sold thru the sales ring. When animals are unloaded, designate they are for MCC. When sold, the check will be written to MCC and the doner will receive a receipt for the value of the animal.

HOG SALE
Monday, March 16
COW, CALF, BEEF SALE
Monday, March 16 and Thursday, March 19

All proceeds designated for MCC will go for World Relief and will be channeled thru the Penna. Relief Sale for (MCC) Mennonite Central Committee, Akron, PA to help clothe the needy and feed the hungry of the world in the name of Christ.

FOR INFORMATION CONTACT:
C.L. Stoltzfus - Elverson, Pa.
215-286-5995

PENNSYLVANIA DRAFT HORSE & MULE ASSOCIATION SALE
February 19, 1987

Blizzard Date- February 20, 1987

Pennsylvania State Farm Show Building
- Corner of Cameron and McClay Sts.
Harrisburg, Pa.

Tack- 9:00 A.M.
Horses- 12:00 Noon

Terms- Tack and Draft Horse related items
10% with maximum commission $50.00
Horses- $30.00 to accompany consignment
If no sale- no refund.
6% commission-Maximum commission $180.00
$30.00 entry fee to be deducted from commission.
Cataloged Horses to sell first.
Will accept consignments up to 11:00 AM February 19, 1987
Horses will be sold in order of consignment.
Negative Coggins test and health papers within 6 months must accompany each horse, please have foal papers in order.

Note: Non-catalog consigners, we also have a demand for wagons and equipment, Fore cart will be available for hitching. You must give 4 days notice to assure a stall for your animal — if no notice is given you will have to sell off your truck.

CONTACT FOR HORSE SALE

Elmer D. Lapp
Box 97 RD#1
Kinzers, Pa. 17535
717-768-8177

Luke Bruckhart
RD#2 Box 100
Manheim, Pa. 17545
717-665-5198

GOOD'S AUCTION

111 North Maple Ave., Leola, PA 17540
HAY, STRAW, GRAIN SALES
Every Wed. at 12:00 Noon
FARM MACHINERY SALES
First & Third Wed. of Each Month
Feb. Thru June
TOOLS & HARDWARE at 9:00 A.M.
LAWN & GARDEN at 12:00 Noon.
LUMBER & BUILDING MATERIAL at 11:00.

NO OUT OF STATE CHECKS
NO HOUSEHOLD ITEMS
NO JUNK.

CLOSED SATURDAYS

GOOD'S AUCTION
111 North Maple Ave.
Leola, PA
Ph. 717-656-9558

A.H.000014-L

PUBLIC AUCTION

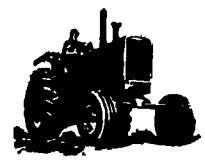
J & P AUCTIONS

FARM EQUIPMENT - TOOLS
DAIRY COWS

SAT., FEBRUARY 14, 1987

Auction Time: 10:30 A.M.
Cows at Approx. 12:30 P.M.

DIRECTIONS: Take Route 272 North from Ephrata to Schoeneck Rd., Turn left, go 3½ miles to Schoeneck. Continue straight through toward Cocalico for another 3½ miles to farm on left. Or, take Route 897 South from Schaefferstown to Cocalico, turn right on Cocalico Rd. to Farm on right. Lancaster County, PA. Watch for Auction Arrows.



MASSEY FERGUSON 1130 DIESEL
only 300 hours on completely Rebuilt Engine;

M.F. 175 DIESEL, w/M.F. #85 Loader; Case 830 Diesel; Gehl #600 Harvester w/2 R-N Corn Head, 6 Ft. Pickup Head & Screens; GROVE Forage Wagon; STAUFFER Tandem Axle Forage Wagon; DION 60" Hopper Blower; NEW HOLLAND #268 Baler w/Super Sweep Pickup & Thrower; N.H. 469 Haybine; Two 16 Ft. Bale Wagons w/Sides; VICTOR Wheel Rake; LITTLE GIANT 28' Elevator; J.D. 30 Ft. Skeleton Elevator; Cardinal 12' Elevator; ALLIS-CHALMERS 6' Flail Chopper; HAWK BILT 2195 Tank Spreader, R-H Unloader; ALLIS-CHALMERS 4 row N No Till Corn Planter w/Monitor; J.D. 13 Disc Grain Drill; J.D. 9' Offset Disc; 3 Pt. Fertilizer Spreader; 3 Pt. Single Tooth Sub Soiler; Gravity Bin Wagon; I.H. #56 4 Row Corn Planter; 3 H.P. High Pressure Washer; Potato Plow; 1973 Pickup for Parts w/Good Wooden Bed; 9 Ft. Cultimulcher for Parts; Potato Plow; 175 Honda Cycle; Snow Fence; Oil Pump; I.H. 99 Fence Charger; Milk Truck Bed for Storage; Bench Grinder; Scrap Pile; Bolts, Nuts & Misc. Tools.

30 GRADE HOLSTEIN DAIRY COWS
In All Stages Of Lactation

- 5 Fresh By Auction Day
- 3 Due Feb., March, April
- 6 Due May, June, July

AVERAGE AGE APPROX. 4½ YEARS, A GOOD UDDERED HERD. PREGNANCY CHECKED, BLOOD TESTED within 30 days of auction. Eligible for Interstate Shipment. Milk weights day of auction. AUCTION HELD IN TENT. HENRY KETTERING, Cattle Information.

Agway Milker Pump; 3 H.P. 45 C.F.M. Delaval & Surge Pumps; Electric Barn Fogger, like new; Sunbeam Clipper; 36 Trainers; Double S-S Wash Tubs; 65 Cow Herdex; Kicker Bar; 4 Delaval Milkers; DUMPING STATION w/Large Recovery Jar; 100' Hose; Delvo Antibiotic Milk Tester.

Aucton by
EDWIN W. & MARY ANN ZEISET
Phone 215-267-4827

Auction Conducted By:
J. & P. AUCTIONS
Paul E. Martin, Auct. AU-001601-L
Ephrata, Pa. 717-733-3511
John D. Stauffer, Auct. AU-001509-L
Lititz, Pa. 717-665-5099

Food By Ephrata Mennonite School

PUBLIC SALE
FRIDAY, FEB. 27, 1987

10:00 A.M.

Located 12 mile south of Strasburg, Three miles South of Nine Points; three-fourth mile east of Route 896, first farm on the right, along Windy Top Road. Sadsbury Twp. Lanc. PA.

LIVESTOCK

42 HEAD OF HOLSTEIN DAIRY CATTLE

27 Head of Holstein dairy cows. 30 Day T.B. and Blood est. Some fresh many close springers. Some cows in herd ave milked up to 100 lb. per day.

15 Head holstein heifers from 4 month to breeding age. several bred.

Two Sorrel work horses; Dark brown Morgan-Cross stallion. Gray work horse. Brown mule.

FARM EQUIPMENT

Case "500" Diesel tractor, with Hyd. P.T.O. and side pulley, overhauled in 1986.

New Holland #273 Super-sweet baler with Wisconsin engine; New Idea #323 corn picker with Wisconsin Four cyc. engine; Brady stalk shredder with 4 cyc Continental water cooled engine; Papec 16" ensilage cutter; McD corn binder with rebuilt loader; Massis Harris 6' grain binder.

John Deere #999 corn planter plateless; John Deere KBA 20 disc harrow; John Deere 12' spring tooth harrow; Oliver 12" 2-bottom plow; McD 2-way sulky plow.

Farmec 32' elevator; 16' flat bed wagon; Two wheel Autoturn fore-truck; John Deere #5 grass mower; McD riding cultivator; Manure spreaders for parts; New Holland fertilizer drill; Wheels for New Idea manure spreader.

Two Minnich tobacco presses; milk cans; 50'- 7" endless belt: 275 gallon fuel tank with pump; pump jack; baler twine; clover seed sower; feed cart; six sets of front gears; collars; bridles; lines; 1,2,3,4 and 5 horse hitches.

EAR CORN BY THE TON

DAIRYING-EQUIPMENT– Girton 500 gallon bulk tank; Three Delaval milking units; Lehigh 3 h.p. cooling compressor; Surge Alamo milker pump; two water heaters; Stainless steel twin tubs; stainless carring pails and strainer; ensilage cart; electric fencer, etc.

JOHN B. STOLTZFUS, Owner

Sale at 10:00 A.M.
Diffenbach's Auctioneers 225L
Lunch Available

PUBLIC AUCTION

Discontinuing dairying, the undersigned will sell located near Union Bridge, MD or nine miles east of Frederick, MD on Route 26 to Libertytown, north on Route 75 eight miles to Union Bridge, MD, 3½ miles on Route 75 north to Route 84, north to first farm on left. (One mile from New Windsor, MD on Route 75 south.)

SATURDAY, FEB. 14, 1987

at 11:00 A.M.

60 HEAD OF HOLSTEIN DAIRY CATTLE 60

Consisting of 30 head fresh since December 1, 11 head due to freshen in February and March; balance in different stages of lactation. Ten are first calf heifers, 17 second calf, 20 third calf.

This is a herd of good size cows with good udders, dairy character and production.

Bangs and TB tested within 30 days for interstate shipment.

CATTLE SALE HELD IN TENT
LOADING CHUTE AVAILABLE

TWO TRACTORS AND MACHINERY

Int. 856 diesel tractor, W.F., power steering, fast hitch, dual hydraulics, 540 & 1000 P.T.O.; Massey Ferguson 180 diesel tractor, W.F., power steering, 3 pt. dual hydraulics; Int. 3/14 trip back fast hitch plow; Int. 350 transport disc; New Holland 256 rake; Woods 80 rotary mower; N.H. 36 ft. elevator with one HP motor; three pt. cement mixer; Fox 16 ft. silage wagon with tandem axle and roof; John Deere 216 chuck wagon; John Deere 125 chuck wagon; 20 ft. metal feeder wagon; New Holland 307 slurry tandem manure spreader, one year, like new; eight ft. pickup cap.

SILAGE

Twenty-four ft. corn silage in 26 ft. silo with unloader.

SALE ORDER: No small items—sale will start with machinery, silage, cattle.
TERMS: Cash—not responsible for accidents.

TRUMAN & THELMA THOMPSON
Phone (301) 775-7435

AUCTIONEER: Robert C. Mullendore
CLERK: C.L. Metz

—LUNCH RIGHTS RESERVED—

Dairy and Livestock Sales

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT MAR 28 - 110 Hd. Dairy Dispersal, Farm Eq. 6 mis. N. of Lebanon, along Jonestown Rd , 1 mi W. of Rt. 72 Ervin O Martin, Owner Nevin Martin & Lewis Groff, Aucts.

SAT. MAR. 28 - 8:30AM Tack; 10:30AM Horses. Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis E. of Middleburg, 5 mis W of Selinsgrove, PA Don & Walt Keister, Owners.

SAT. MAR. 28 - 9AM 11th Annual Gap Fire Co. Sale in Gap, PA. New & Used Furniture, Tools, Groceries and much more. We sell on commission. Elvin Beiler, 717-442-9549.

SAT MAR. 28 - 9:30AM Farm Mach., Lawn & Garden, Tools, Furniture, and Miscellaneous Consignment Auction. From Exit 21 of PA Turnpike take 272 South to first light, take Church St. through Rheemstown to Red Run Rd., turn left on Red Run Rd., go 1/10 mi. turn left on Steffy Rd., approx. ½ mi. on left. Terms by: Arthur Nolt and Allen Martin. Roy Good, Jr , Randal V. Kline and Lloyd Kreider, Aucts

SAT. MAR. 28 - 10AM Farm Eq , Trucks, Dairy Eq , Shop Tools. 2 mis. W. of Rising Sun, MD, along Rt 1. 5 mis E. of Conowingo traffic light. Enter driveway where Rt. 273 and Rt. 1 divide. Terms by George T MacDonald. J. Everett Kreider, Bucher, and Heaps, Aucts.

ALL BREED HORSE SALE

Thoroughbreds, Saddlebreds,
Standardbreds, & Pleasure Horses

Saturday
February 14, 1987
11:00 A.M.

BLUEGRASS STOCKYARDS II
ANGLIANA AVENUE, LEXINGTON,
KENTUCKY
Contact:
Tom Biederman or Charles Black
(606) 277-6188 • (502) 695-4381
Tom Biederman/Auctioneer
Horses accepted morning of sale.

PUBLIC AUCTION

OF 33 DAIRY COWS,
FARM MACHINERY
SATURDAY, MARCH 7, 1987
10:00 A.M.

Located: 1102 Birmingham Rd., West Chester, Pa. Take Rt. 472 South of Quarryville to Rt. 1 North to Rt. 100, Turn North on Rt. 926, go to first crossroad Birmingham Rd., turn left, first farm on left, or from Rt. 202 South of West Chester, to Rt. 926 West, approx. 1 mile.

Terms By:
MILLARD & JUANITA WAGNER
Auctioneers: Lloyd Kreider
Phone: 717-786-3394
Lic. #AU000513L
Randal Kline
Roy Good
Gary Shirk

KREIDER & KLINE AUCTIONEERS

250-350 HEAD SPECIAL HORSE SALE WORK HORSES-MULES & DRIVING HORSES

FRIDAY, FEBRUARY 20, 1987

AT NEW HOLLAND
SALES STABLES, INC.
12 Miles East of Lancaster, Pa. just off Rt. 23, New Holland, Pa.
Tack 9:00 A.M. Sale 10:00 A.M.

* 5 Head Driving Horses including (1) 17 hand Saddlebred Gelding, broke to ride and drive; (1) 16 hand Standardbred Mare, broke to drive consigned by Brad McKee, Toledo, Iowa.
* 2 Load Work Horses, Mules, and Driving Horses consigned by Ward Wright.
* 1 Load Work and Driving Horses consigned by Bub Leonard.
* 1 Load Driving Horses consigned by Clayton Waterbury.
* 1 Load Driving Horses consigned by Jonas Beiler.
* 1 Load Driving Horses consigned by Reuben G. Stoltzfus.
* 1 Load Driving Horses consigned by Elam B. Stoltzfus.
* 1 Load Saddlebred Driving Horses consigned by Christ Stoltzfus.
* 2 Loads Top Mules and Work Horses consigned by Norman Kolb.

Plus many more consignments by sale time

For more information contact:
Abe Diffenbach, Mgr. 717-354-4341
Norman Kolb 717-397-5538

NEXT HORSE SALE MARCH 6, 10:00 A.M.

PUBLIC AUCTION

OF REAL ESTATE,
FARM EQUIPMENT & DAIRY CATTLE
SAT., FEBRUARY 28, 1987
@ 10:00 A.M.

Located 3 miles east of Rt. 61 and 4 miles south of Hamburg, Windsor Twp., Berks Co., Pa. From Windsor Castle take Haas Rd. east approx. 1 mile to property.

REAL ESTATE @ 11:00 A.M.

Real estate consists of 3 parcels. Parcels B, C, and D contain approx. 32 acres each. All three tracts would make excellent home sites. Parcel B has approx. 4 acres of woods. If you want a large lot for about the same price as a regular building lot don't miss this sale. Hamburg School District. Inspection by appt. **TERMS: 10% day of sale; settlement by April 28, 1987.**

DAIRY HERD

42 Milking cows approximately ⅓ Brown Swiss and ⅔ Holstein. 14 Fresh Dec. & Jan., 8 to freshen by day of sale. Mostly young cows & first calf heifers. 30 heifers including calves & bred heifers, 6 beef and holstein cross; up to 350 lbs. Cows milking 80 lb. Last test average 4.3%. All animals are in very good condition. A sharp herd in various stages of production. Tested within 30 days.

FARM EQUIPMENT

2290 Case 128 HP diesel tractor, cab, heater & air; 4020 J.D. diesel tractor, power shift, wide front end, 540-1000 PTO; 800 Case narrow front end, eagle hitch & hyd., less than 400 hrs. on overhaul; 424 Int. gas tractor, 4 spd, Hi & Lo range, front & rear hyd - line - PTO - 3 pt. hitch; 1501 Loader w/material bucket mtd. on 424; Brady Model 1000 chisel plow, 10 tooth; Oliver 5 bottom 16" trip plow; Int. Model 370 12' finishing disc; 13' Cultipacker; 10' Brillion Roller Harrow; 12' J.D. Harrow; J.D. 7000 MaxEmerge 38" 4 row corn planter, dry fert. & pesticide boxes; Oliver 13 disc grain drill; Farm Rite 200 gal. sprayer 10 row boom & gun w/hose for spot spray.; N.I. Model 323 1 row corn picker, 10 yrs. old, but picked less than 200 acres; N.H. Model 276 Baler w/No. 2 Thrower & Super Sweep Pickup; N.H. 488 9' Haybine; N.H. 30' Bale Elevator; J.D. No. 894 Hay Rake; J.D. No. 2 Stem crusher; J.D. Hay Fluffer; N.H. Model 357 Grinder Mixer w/30" Hammer Mill, Hammers never turned; 18' Unloading auger & flotation tires; N.H. 880 Forage Harvester w/row wide corn head & Super Sweep Windrow pickup; N.H. No. 27 Whirl-A-Feed Forage Blower; N.H. #38 Flail Chopper, new bearings on main shaft & gear box; N.I. 12' lime & fert. spreader, new bottom; Badge 14' 3 beater forage wagon, 8 ton running gear; Badge 16' 3 beater forage wagon tandem, 10 ton running gear; Hay rack wagon 14' long x 8' high, 10 ton gear, McCurdy; Hay rack wagon; 16' long, N.I. running gear; Country Boy Gravity Bin wagon, 245 Bu., 11x15 Flotation Tires, 8 ton Zimmerman running gear; McKissic V-Bottom Fertilizer tender on grain box, elec. start, auger unloading; 3 pt. Ford Cultivator; N.H. Model 450 3 pt. mower; N.H. Mod. 667 Tank Spreader, no flail damage to tank; 14' Coby Wagon; 16' J.D. Wagon; J.D. Running gear; 16'-8" Grain auger, never used; 40" Clay portable fan; 40" Ventilation Fan, 1hp motor; Jamesway Super 500 gutter cleaner unit 210' gutter chain, turns clockwise; Jamesway Super 500 Gutter cleaner unit 150' gutter chains turns counter clockwise; 20' VanDale Super Magnum plus Silo unloader, good condition; DeLaval Pipeline milking system, 1½ glass line, 565' of glass line; 600 Gal. Mueller tank; 4 unit solar calf pen, built by Stoltzfoos from Oley; 1 row Corn Planter w/fert. Box, 2- 1 row Cultivators; 1 Grain Cradle, 1 Hay mow cutting knife, 1 Horse Sleigh, DeLaval bucket Milker; 4 new steel gates, 8', 14' & 16'; Antique Farm Items; Some small items sold off wagon.

Large Equipment will be sold shortly after 10:00. COME EARLY!!!

TERMS BY:
PAUL T. HAAS
EDWARD R. & GERTRUDE HAAS
Attorney: ***PETER SCHMEHL***

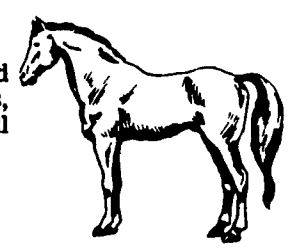
HORNING FARM AGENCY, INC.
Alvin Horning, Auctioneer #AU-000433-L
Main St., Morgantown, Pa. 19543
215-286-5183

SPECIAL HORSE SALE
SATURDAY, FEB. 21, 1987

Tack at 9:30 a.m. Horses at 11:00 a.m.
at the Belleville Livestock Market

All Kinds of Horses & Mules on Consignment

Featuring some registered Belgian and Percheron mares, loads of Western horses, some from local shippers and farmers. We will have buyers for meat horses.



Spring Mchinery Sale Fri., March 6
Belleville Livestock Market, Inc.
Phone 717-935-2146

PUBLIC SALE
SATURDAY, FEB. 21, 1987

9:00 A.M.

Located 1½ miles north of Quarryville, six miles south of Strasburg. Between Stoney Hill Road and Carmargo Road, along Stone Road, Eden Twp. Lanc. Co. Penna.

LIVESTOCK

42 HEAD OF HOLSTEIN DAIRY CATTLE
#36 HEAD REG AND GRADE
HOLSTEIN DAIRY COWS

Owner Sampler test 365 da. 14990+.
Several cows recently fresh, many close springers.

15 HEAD OF HOLSTEIN HEIFERS

From two months to breeding age.
30 day T.B. AND Blood test. Stock bull from registered animals.
One pair of 5 and 6 year old sorrel horses.
One pair of 6 and 7 year old Red Roan horses.
Two sorrel mares One black mule All Good Workers

FARM EQUIPMENT

New Holland #273 Baler; Stoltzfus 2-bottom 12" plow with Hyd. system; International #56 4-row corn planter with 12 volt Daytona Hyd System; New Idea #272 Cutditioner with 50 h.p. Leroy gas engine; New Idea Crimper with 4 cyc. Wisconsin engine.

McD P.T.O. corn binder with loader; McD ground driven corn binder; McD #7 ensilage cutter in good condition; Campbell sprayer with 16 row boom; New Idea transplanter, in good condition.

McD #9 grass mower; New Idea side rake; Zimmerman steel wheel wagon and bed; New Idea steel wheel wagon and box; Two fore-trucks with auto-turn; John Deere 3-section spring harrow; New Holland #202 manure spreader; McD 28 side harrow; steel roller McD riding cultivator; Side loading tobacco ladders on gears.

Two wheel breaking cart; Minnich tobacco press; 3000 tobacco lath; tobacco shears and spears; log chains; forks; shovels; Eight sets of front gears; collars; lines; bridles; 3'x16' concrete pipe; 1,2,3,4,5,6,7, horse hitches.

50 TON OF EAR CORN---
100 TON OF CORN ENSILAGE

DAIRYING EQUIPMENT— Three Bou-matic milking units; Magnetic inflations Pulsation control units; Scheuter dumping station; Bender Washer.

L40 Lombardina Diesel; Winco 3000 Watt generator; Boumatic Pump; Vacuum pump stainless steel twin tubs.

Two feed carts; 20 head-lock stauchions 100' of litter carrier track with switch.

Semen 1 Penn State Star; 1 Glen Valley Star; 3 Whittier Farms Apollo Rocket; 2 Ca-lil Standout Cavalier; 1 Zion View Amys Grand Fortune.

LEVI S. AND ANNA MAE GLICK, Owners

Sale at 9:00 A.M.
Diffenbach's Auctioneers 225L
LUNCH AVAILABLE

DEALER IN ALL KINDS OF LIVESTOCK

Also Crippled & Down Cattle

MARLIN S. IRWIN

Quarryville, PA
PH· 717-786-3016

Public Auction Register

Closing Date Monday 5 00 P M
of each week s publication

SAT. MAR. 28 - 10AM Farm Machinery, Mushroom Eq., HH, Antiques. 1 mi. E. of New London off Rt. 896. Herman & Esther Bramble, Owners. Steve Petersheim & Steve Jr., Aucts.

SAT. MAR. 28 - 11AM Like New Grain Farm Mach. For: K. Conover & Son, Mead, NJ. Col. Fred R. Daniel, Auct.

APRIL

WED. APR 1 - 10:30AM Farm Eq. John Giarrusso, Wertsville Rd., Neshanic Area. Col. Fred R. Daniel Aucts., Inc.

WED. APR. 1 - 2PM Tractor & Farm Mach. For: Rodger Stahl, Blackpoint Rd., Neshanic Sta., NJ. Col. Fred R. Daniel Aucts., Inc.

FRI. APR. 3 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 3 - Dairy Herd Dispersal, Kenneth Doyle, Owner. Dry Run, Franklin Co., PA. Kling's Auct. Service, Sale Mgrs.

FRI. APR. 3 - 7PM Dairy Heifer Consignment Sale. Keister's Middleburg Auction Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT APR. 4 - Lions Club Sale. Wakefield area. J. Everett Kreider, Auct.

SAT. APR. 4 - The House of His Creation Benefit Sale. Steve Petersheim & Steve Jr., Aucts.

SAT. APR. 4 - Farm Eq. Near Bethel, PA, just N. of I-78. For: Gilbert Berkenbine. Ralph W. Zettlemoyer Auct. Co., Inc.

SAT. APR. 4 - 6th Annual Benefit Auction for the Manheim Farm Show Building Fund. Located Adele Ave., Manheim, PA, at the Farm Show Bldg. Local Aucts.

SAT. APR. 4 - Farm Eq. & Tools. Located 2 miles east of Blue Ball along Rt. 23. Mrs. Elmer M. Zimmerman, owner. Paul E. Martin, John D. Stauffer, Auctioneers.

SAT. APR. 4 - Show 8:30AM; Auct. 5PM. Farm Toy Auction, Show & Sale at New Hollad, PA. Fire Hall. Sponsored by: Liberty Fire Co. Dale Stoltzfus & Dave Nolt, Aucts.

SAT. APR. 4 - 9:30AM Farm Machinery Dispersal Sale of Farm Mach. 6 mis. SE of Stewartstown via Rt. 851 turn on Davis Rd. and proceed 1½ mis. to sale; near New Park southern York Co., PA. By order of: Mr. & Mrs. James H. Bisker, Owners Charles W. & David W. Shrodes, Aucts.

TUE. APR. 7 - 5:30PM 6.9 Acres of Land. South & Mulberry Sts. Auction held at Elton Horning Farm Agency Office, Morgantown, PA. David & Edwin Finger, Owners. Elton Horning Farm Agy., Aucts.

FRI. APR. 10 - RPM Farms Annual Spring Sale. Located Beavertown, PA. Snyder Co., U.S. Rt. 522.

FRI. APR. 10 - Consignment Machinery Sale Plus Machinery Dispersal of Fred Reisinger. Landisburg, Perry Co., PA. Kling's Auct. Serv., Sale Mgrs.

FRI. APR. 10 - 7PM Horse Sale. New Holland Sales Stables, Inc , New Holland, PA. Abe Diffenbach, Manager.

SAT. APR. 11 - 9AM Wolgemuth Auct. Service Annual All Day Farm Eq Sale. Tractors, Farm Eq., Tools, Lawn & Garden, anything sold on commission. Located 4 mis. W. of Manheim, Lanc Co., PA. Along Valley Rd., just off Hosler Rd., 10 min. from Rt. 283 at Manheim Exit. ·Bob Wolgemuth Sales Manager, 717-665-6684.

WED. APR. 15 - Dairy Herd Dispersal, Frank Heberling, Owner. Newburg, Cumberland Co., PA. Kling's Auct. Serv., Sale Mgrs.

FRI. APR. 17 - 6:30PM Consignment Sale of Feeder Pigs & Feeder Cattle. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. APR. 18 - New Danville Mennonite School. J. Everett Kreider, Auct.

MON. AND TUES. ARP. 20-21 - 2-Day Public Sale of Farm Equipment, Tractors, & Parts. Clyde E. Keener Estate. 1531 Manheim Pike, Lancaster, Pa. Wolgemuth & Rentzel Auctioneers.

TUES APR. 21 - 7PM Feeder Pig Show & Sale. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 9AM Farm Eq. New Holland Sales Stables, Inc., New Holland, PA. Abe Diffenbach, Manager.

FRI. APR. 24 - 6PM Reg. and Grade Heifers, all ages. At the Belleville Livestock Mkt., Belleville, PA.

SAT. APR. 25 - 8:30AM Tack; 10:30AM Horses. Keister's Middleburg Auct. Sales, Inc., Rt. 522, 3 mis. E. of Middleburg, PA, 5 mis. W. of Selinsgrove, PA. Don & Walt Keister, Owners.

SAT. APR. 25 - Consignment Sale of Farm Machinery & Lawn Eq. New Park, York Co. J. Everett Kreider, Auct.

SAT. APR. 25 - Geet Ministries Benefit Sale. Steve Petersheim & Steve Jr., Aucts.

MON. APR. 27 - Farmersville Eq. Co., Farmersville, PA, Annual Spring Consignment Auction. Paul E. Martin & John D. Stauffer, Aucts.

MAY

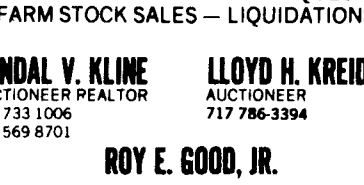
FRI. MAY 1 - 7PM Horse Sale at New Holland Sales Stables, Inc., New Holland, PA.

SAT. MAY 9 - 10AM Grade Heifer Sale at New Holland Sales Stables, Inc., New Holland, PA.

FRI. MAY 15 - 9AM Farm Eq. at New Holland Sales Stables, Inc., New Holland, PA.

NOTICE

To assure that your Public Sale appears in the Public Sale Section we must have your advertisement by 4 P M Tuesday of each week's publication



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215 445 4309

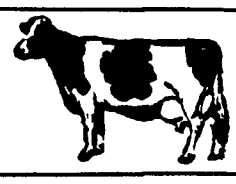
SALE EVERY TUESDAY

Graded Sale
1st Tuesday each month
2 P.M.
Horse Auction
2nd Saturday each month
1 P.M.

FAUQUIER LIVESTOCK EXCHANGE
Marshall, Va.
703-364-1566

Dairy and Livestock Sales

NEW HOLLAND SALES STABLES, INC.



Located 12 Miles East of Lancaster, Pa., just off Rt. 23, New Holland.

SPECIAL DAIRY SALE CONSIGNMENTS For

WEDNESDAY, FEBRUARY 11th, 1987

Heifer Sale Starts At 11:00 A.M.

- 1 load fresh and springer cows consigned by Norman and David Kolb.
- 1 load fresh and springer cows consigned by Merle Brenneman.
- 1 load fresh and springer cows consigned by Marvin Eshleman.
- 1 load fresh and springer cows consigned by Raymond Smucker.
- 1 load fresh and springer cows consigned by H.D. Matz.
- 1 load fresh cows consigned by Dale Hostetter.
- 1 load fresh cows consigned by Alfred Albright.

For More Information Contact:

Abe Diffenbach
717-354-4341

Norman Kolb
717-397-5538

PUBLIC AUCTION

HOLSTEIN COWS, HEIFERS, MULES FARM MACHINERY, HOUSEHOLD GOODS

TUESDAY, FEB. 17, 1987

9 A.M.

Located from Strasburg traffic light go South on May Post Office Rd. 4 miles, turn East on Springville Rd. Approx. 1 mile to sale. Or East of Quarryville Rt. 372 to Mt. Pleasant Rd. turn West on Springville Rd.

12x60 Mobile Home, to be offered at 1 P.M.

44 Highly Productive Holstein Cows on Owner Sampler for 1½ yrs.; 12 Bred Heifers; 7 Open Heifers; 9 Small Heifers; 1 Reg. Holstein Bull; 9 Mules, 4 bays, 3 sorrels, 2 blacks; Morgan 6 yr. old Driving Horse will work in field. 2 Horse Spring Wagon; Market Wagon.

10 Work Harness'; Collars; Bridles; Single, Double & Triple Trees; Steel 4 Horse Hitches; Jockey Sticks; Check Lines; Harness Dipping Tank.

930 Case Diesel, wide front w/Pulley; Farmall H Tractor; 323 NI Corn Picker, 1 row; #10 NI Picker; 1240 4 Row JD Planter; 273 NH Baler w/Motor; 258 NH Rake; Hay Tedder; 455 NH Mower; Pequea Manure Spreader; 2 Bottom 14" Oliver Plow; JD KBA 24 Disc; JD 3 Section Spring Harrow; Spike Harrow; Shovel Harrow; Cultipacker; 2 Horse Cultivators; Roller; 10 Disc Grain Drill; 10 ft. NI Fert. Drill; Fore Carts; 3 Iron Wheel Wagons; Field Sprayer; 30 ft. NH Elevator; Hyd. Unit for Elevator; NI Tobacco Planter; Minnich Bale Box; David Bradley & C40 Gehl Ensilage Cutters.

250 gal. Gas Tank; Scalding Trough; Milk Cans; Feed Carts; Wheel Barrow; Grindstone; Anvil; Dirt Scoop, Portable Welder.

3 De Laval Milker Units, Vacuum Pulsation; 70 Lbs. Milk Pail; 3 Milk Strainers; Stainless Steel Washtubs.

Estate Heatrola; Columbia Cook Stove; Gas one door Refrigerator; Odd Chairs; Bed; Butter Churn; Wooden Tub; Dated Plains; Old Carriage Light; Antique Wagon Jack; Pudding Crocks; Dated Jars; Blue Jars.

No Out of State Checks. Lunch Available. Sale Order: Small Items, Household Goods, Machinery and Cattle.

Terms By
DANIEL F. & HANNAH B. KING

Auctioneers Conduting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394

KREIDER & KLINE AUCTION SERVICE
R D 1 BOX 277 NEW PROVIDENCE, PA 17560

PUBLIC AUCTION

27 Highly Productive Holstein Cows, Bred & Open Heifers, Mules, Farm Machinery, Household Goods

FRI., FEBRUARY 27, 1987

9 A.M.

Located From Strasburg Traffic Light go South on May Post Office Rd. 1 Mile to Shaub Rd. turn West to Bunker Hill Rd. turn Left, second Farm on Right.

Terms by
JOHN K. & ARIE G. KING

Auctioneers Conducting Sale:
Lloyd Kreider, AU000513L,
Randal Kline, Roy Good, Gary Shirk
717-786-3394

KREIDER & KLINE AUCTIONEERS

PUBLIC AUCTION

HORSES- MULES- MACHINERY

SATURDAY, FEB. 14, 1987

AT 9:30 A.M.

Located In Mifflin Co., ½ Mile East Of Barrville, Pa., Or 6 Miles West Of Milroy, Pa., Along Back Mt. Road.

7 HEAD HORSES AND MULES

Team 11 yrs. old sorrel mules, team 8 and 9 yrs. old sorrels, gelding and mare in foal, team sorrel gelding coming 3 yrs. old, 7 mos. old sorrel filly colt, britch harness for 5 horses, 2 sets front gears, collars, bridles, lines, etc.

DAIRY EQUIPMENT

2 Feight S.S. 9 cans coolers, 28 milk cans, 2 S.S. strainers, 3 S.S. buckets, cow chains, etc.

HORSE DRAWN MACHINERY

J.D. model W power unit, Frick 22 in. threshing machine, N.I. husker shredder, I.H. no. 7 silo filler, 2 Papec silo fillers, Papec 13 in. finger feed hammer mill w/1 ton mixer, N.I. no. 10-A manure spreader, J.D. 14-T baler w/Wis. motor, N.H. no. 67 baler w/motor, 2 J.D. 4 bar rakes, hay tedder, 2 I.H. no. 9 mowers 5 and 7 ft. Field sprayer, King Wyse and Smoker elevators w/gas motors, Fore truck, Grove and Eztrail wagons w/beds, roller bearing spring wagon, J.D. 10 disk grain drill, 2 I.H. corn planters, corn stalk cutter, 3 I.H. corn binders (1 in A-1 cond.), I.H. 7 ft. grain binder, 2 Hochstettler 14 in. riding plows, I.H. 2-12 in. plow, Wiard 106 walking plow, 2 cultipackers, two 2 section harrows, spike harrow, A.C. disk, 2 cultivators, 50 bu. wagon box, buggy tongue, 3 horse hitch, single and double trees, neck yokes, 2 Grapple hay forks, misc. farm items.

Terms- CASH

JOHN B. HOSTETLER, JR.
NER HOSTETLER
R.D.
Reedsville, Pa.

Mark Glick- Auctioneer
AU-349-L

Amish lunch stand

MELVIN KOLB, INC.

Lancaster, PA — Woodsboro, MD

Quality Holstein Dairy Cows

A load of Top Fresh Cows from N.Y. State. Purebred & Grade
Trailer load of Top 2nd & 3rd Calf Heifers out of New England States
Load of Close Springers from New York State
Herds For Sale——————Registered and Grade

Mule and Horse Time

100 Head Just Arrived From Tennessee & Kentucky
Some of the Best that ever Walked!

Good Young Big Strong Mules that will work!
Sorrels, Bays, Grays, Blacks with Mealy Noses, Mouse Colored & Buckskins too!

• PRIVATE SALES DAILY •
Next Lancaster, PA Sale
150 HEAD
Thursday, March 5, 1987
11:00 A.M.
717-569-6800 or 717-569-2106

• PRIVATE SALES DAILY •
Next Woodsboro, MD Sale
150 HEAD
Thursday, February 19, 1987
11:00 A.M.
301-898-7720 or 301-898-7663

ANNOUNCING...

A DAIRY RESEARCH BREAK-THRU:

NEW..."MAXI-TECH 32 F.F."

THE SUPERIOR DAIRY CONCENTRATE WHICH:

1. Contains Maximum Density of:	2. Produces Your Cow's Maximum:	3. Generate$ Your Maximum:
• Energy →	Milk	= Profit
• Fiber →	Butterfat	= Profit
• Protein →	Milk	= Profit
• Vit. & Min. →	Breeding	= Profit

"MAXI-TECH 32 F.F."...

... Maximizes Energy With Added Fat (8% Min.)

... Maximizes Fiber By Adding F.F. * (12-15% Crude Fiber)
(* Fermentable Fiber)

... Maximizes Protein With Multiple Sources (32% Min.)

... Maximizes Your Profits With:

A Superior Product, Proven By Purina's Metabolism Unit, Research Herd and Local Farm Results.

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FEBRUARY 9
thru
FEBRUARY 14

HOURS: MONDAY TO FRIDAY
7:00 AM - 5:00 PM
SATURDAY
7:00 AM - 12 NOON

COMPLIMENTARY
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EVERY DAY

THE SAVINGS PLACE
FOR SPRING PARTS

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On Tillage, Spraying, Planting Parts; Oil; Filters; Lubrication; And Much More!!

See Pages 5 thru 12

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QUALITY OLD-FASHIONED SERVICE

LARGE VOLUME DISCOUNTS

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FARMER'S MACHINERY SHOW

Thursday, February 12, 1987

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...Inside Equipment Display
...Door Prizes
...Lunch At Noon
...Factory Representatives

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HOOBER PEOPLE HAVE FARMING BACKGROUNDS, SO THEY UNDERSTAND FARMING

The Saving Place is where you purchase
People Who Care -

For 46 Years Trained and Experienced

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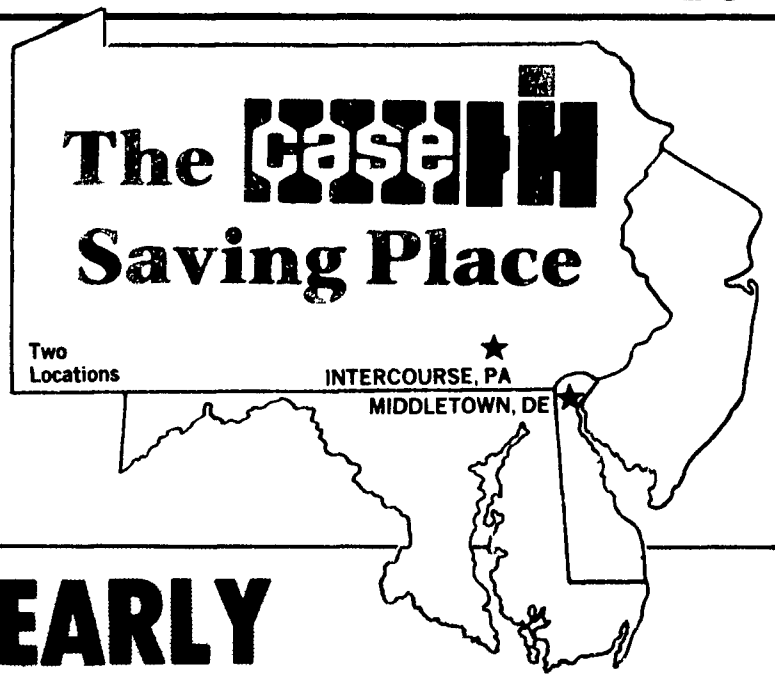
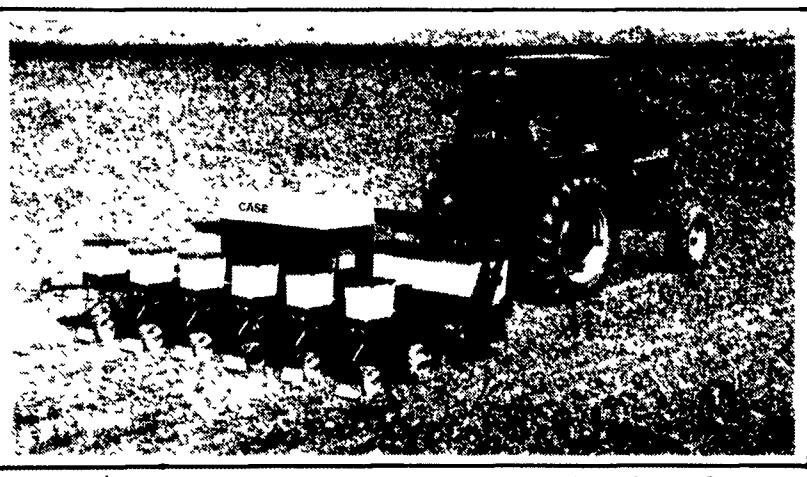


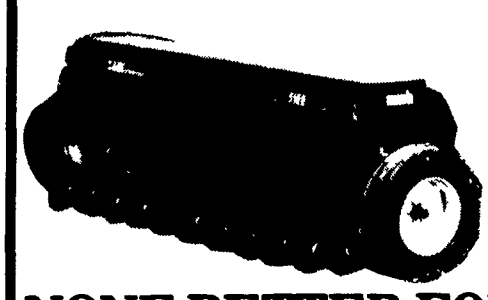
EARLY RISER PLANTERS

NEW 900 SERIES CYCLO AIR Planters



Available from 4 to 16 Rows. Truly the planter designed for accurate seed depth and early emergence.

CALL FOR PRICES



5100 GRAIN DRILLS

NONE BETTER FOR SEED METERING & RELIABLE CROP STANDS

SIZES AVAILABLE

24x6	All With
20x6	Depth
18x7	Press Wheels

TRACTORS

From 15 HP to 400 HP!

CASE-IH Tractors Feature Reliable Engines and Drivetrains for Years of Satisfaction.

MODEL 235, 18 HP
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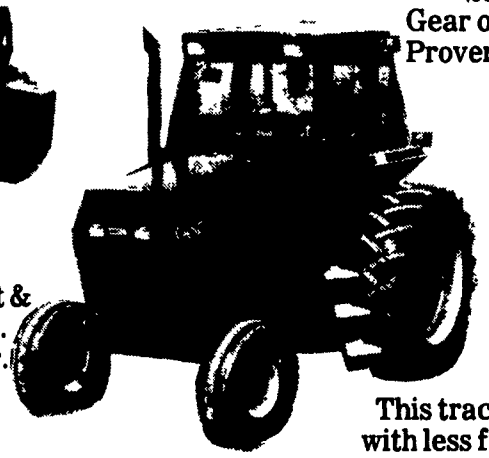
MODEL 685 AWD, 62 HP
Centerline MFWD, Fuel Efficient & High Torque 239 CID IH Engine. Compare with any other tractor. There's no other like it.



MODEL 2096, 115 HP
12 Speed Powershift Transmission
6 Cylinder 359 C.I.D. CWC Engine.
This tractor produces with less fuel than you'd believe possible

MODEL 2394, 162 HP
24 Speed Powershift Trans., 504 CID Case Engine, Big Tractor At Economical Price.

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9110 - 190 HP
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Featuring:
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... Cummins Engines
... Steiger Reliability

MODEL 9130 ON DISPLAY ALL WEEK

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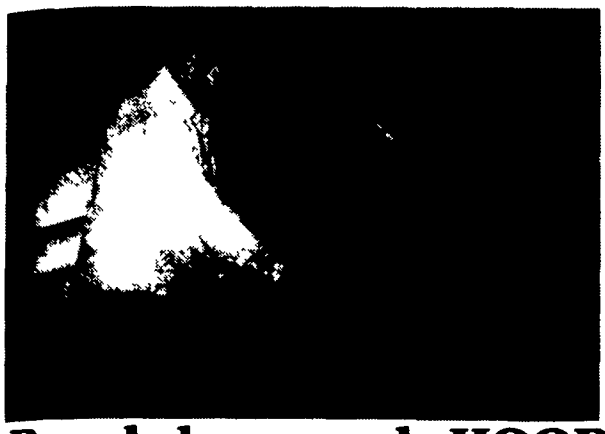
VALUE - quality products backed by
at an AFFORDABLE PRICE



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A CASE-IH UNI-LOADER CAN BE THE HANDIEST PIECE OF EQUIPMENT ON YOUR FARM

3 Sizes to Choose From:
... 1816C, 16 HP Gas Engine,
6'2" Dump Height
700 lb. Lift Capacity
... 1835B, 34 HP Case Diesel
7' Dump Height
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7.5' Dump Height
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NOW YOU CAN HAVE HOOBER SERVICE BEHIND YOUR SKID-LOADER

HECK OUT PAGE FOR OPEN HOUSE SAVINGS ON NEW EQUIPMENT

HOOBER PEOPLE MAKE AXIAL-FLOW COMBINES PRODUCE FOR YOU!

By servicing over 110 Axial-Flow Combines, The people at C.B. Hoober & Sons, Inc. know how to make these Combines reach their maximum productivity.

Talk to an owner of a combine serviced by HOOBER'S COMBINE PROFESSIONALS. They'll tell you how they produce.

WITH CORN PRICED AT UNDER $1.80/Bu. CAN YOU AFFORD NOT TO OWN AN AXIAL-FLOW FROM HOOBER?

The Reason Axial-Flow Combines Are More Productive - THE ROTOR!

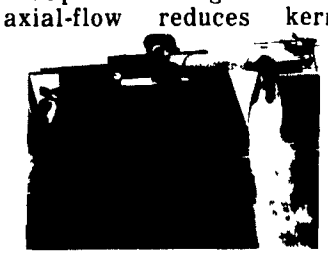
The Single Rotor design is SIMPLE!

Only a single rotor to thresh and separate. Eliminates the straw-

walker assemblies common to conventional combines. Less moving parts means less maintenance, less downtime.

The Single Rotor Design is HIGHER QUALITY GRAIN

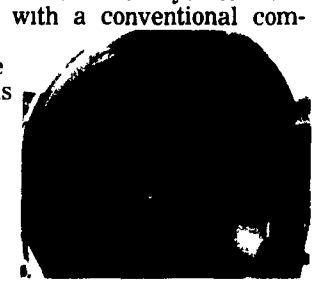
Multiple threshing action of axial-flow reduces kernal



damage and holds elevator dockage to a minimum.

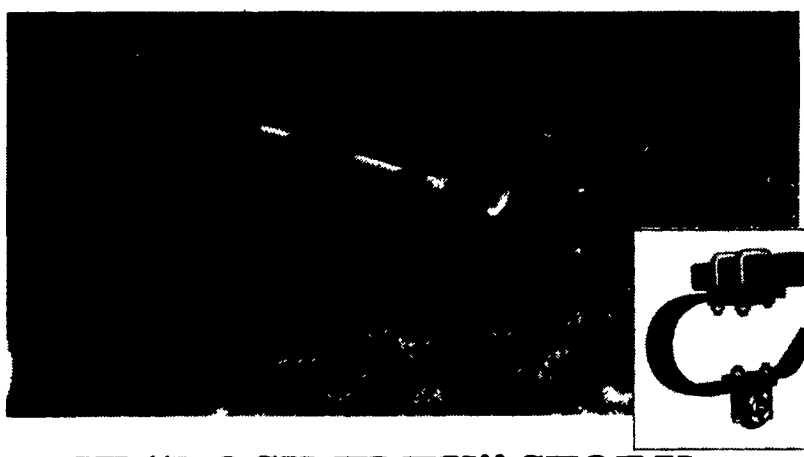
The Single Rotor Design is MORE PRODUCTIVITY!

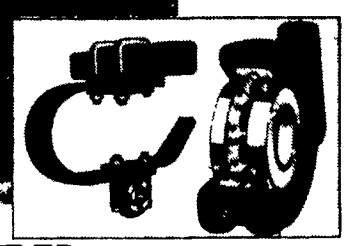
When your crops are ripe and ready to harvest, Axial-Flow allows you to move faster than with a conventional combine. The rotor's large throat means no bottle-necks up front. You'll be able to harvest at top speed for maximum productivity, even on side-hills.



Krause OPEN HOUSE SPECIAL

2242 Rockflex Disc





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- Heavy-Duty Gangs with 22"x6 Gauge Blades, 1½" Alloy Steel Tierod w/Nuts At Both Ends
- Staggered, Overlapping Front Gangs & Tapered Blades On The Outside of Rear Gangs
- Rugged, Extra Strength Scraper Assemblies
- 12'3" Cutting Width - 115 Lbs. Per Blade

THE "ROCK-FLEX" STORY

"Rock-Flex" arms are C-shaped to flex over obstacles - helping protect disc blades and spools from breakage. "Super Seal" regreasable bearings are encased in rubber to absorb shock.

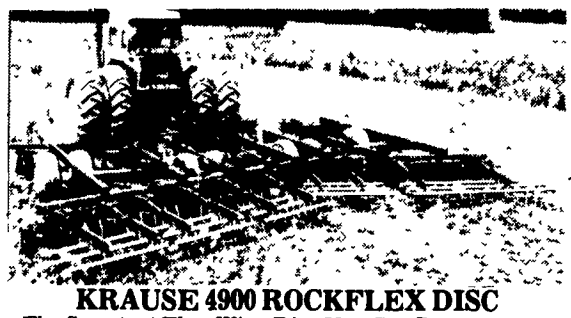
COMPARE PRICE:

$5,475.00

While Supply Lasts

A KRAUSE TILLAGE MACHINE FROM HOOBER
IS A SAVING TO YOU
WHEN YOU BUY IT, WHEN YOU USE IT, WHEN YOU TRADE OR SELL IT.

HAVEN'T YOU WAITED LONG ENOUGH?



KRAUSE 4900 ROCKFLEX DISC

The Sweetest Flex-Wing Disc You Can Buy... It Cuts And Finishes, Too.
... 18', 21', 23' or 25' Cutting Width - 13'6" Transport
... 160 lbs. per blade 9" Spacing

If Farming Is Your Living

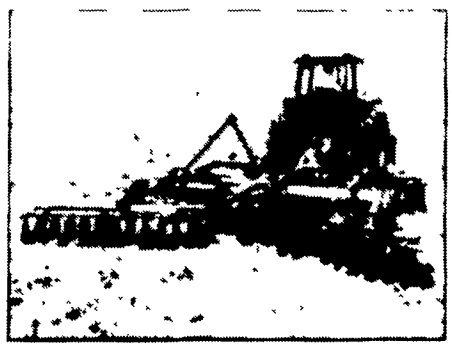
HOOBER
C B HOOBER & SON INC
INTERCOURSE, PA

Can Solve Your Tillage Problems With

KRAUSE

KRAUSE 2400 ROCKFLEX DISC

Plow Or Finish With This Disc
. 19', 23', 25' Cutting Width - 13'6" Transport
. . 225 lbs Per Blade, 24" Blade



KRAUSE 1580 ROCKFLEX DISC

Single-Wing, Fold w/12' Transport
... 16'3" & 18'1" Cutting Width
... Hydraulic Swing Hitch

KRAUSE 2880 SLICER CHISEL

Heavy Duty - None Compares
... 7, 9 or 11 Shank
... Hydraulic Controlled Slicer Depth
... Spring Reset Shanks 30", 32" or 36"

KRAUSE 3100 LANDSMAN

One Trip Conservation Finishing Tool
12'-36' Working Widths - 400 lb. Per Ft
20" Disc Blades, Choice of Shanks & Leveling Attachments

KRAUSE 3600 LANDKING SUBSOILER

Combines action of disc, chisel & subsoiler
... 9, 11, or 13 Shanks - Spring Reset
... Combination Subsoiler & Chisel

KRAUSE 4500 FLEX-WING SLICER CHISEL

Features Spring Mounted Bearing Arms
17'4" to 25'4"
Folded Width - 10' to 13'

KRAUSE 1480 ROCKFLEX OFFSET

10'8" or 12'3" Cutting Width
Rugged 190 Lbs Per Blade

THE SAVING PLACE

FOR YOUR SPRING PARTS NEEDS

COME INTO HOOBER'S

OPEN HOUSE and

SAVE...SAVE...

SAVE...

EIGHT PROFESSIONAL PARTS PEOPLE TO HELP SUPPLY ALL YOUR PARTS NEEDS.

Large CASH DISCOUNTS
Large VOLUME DISCOUNTS

THE MORE YOU BUY -
THE MORE YOU SAVE

OPEN HOUSE WEEK

FEB. 9th thru FEB. 14th

Hours: Monday to Friday
7:00 AM - 5:00 PM
Saturday
7:00 AM - 12 NOON

By Service...

We Grow!

C.B. HOOBER & SON, INC.
Intercourse, PA
(717) 768-8231

HOOBER

HOOBER EQUIPMENT, INC.
Middletown, DE
(302) 378-9555

TWO CONVENIENT LOCATIONS

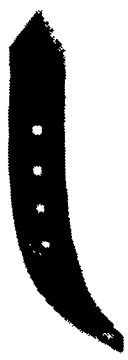
THE SAVING PLACE — TILLAGE PARTS

DUNHAM • GLENCOE • WIL-RICH • LANDOLL • SUNFLOWER • DMI • CASE IH • KRAUSE

CHISEL PLOW POINTS

2" Chisel

~~$5.25~~



3/8" Thick
3" Wide

$5.25

½" Thick
• 3" Wide

~~$6.95~~

• 4" Wide

~~$5.25~~

ONE-PIECE SOILSAVER® MOLDBOARD

½" Thick
4" Wide

~~$9.95~~

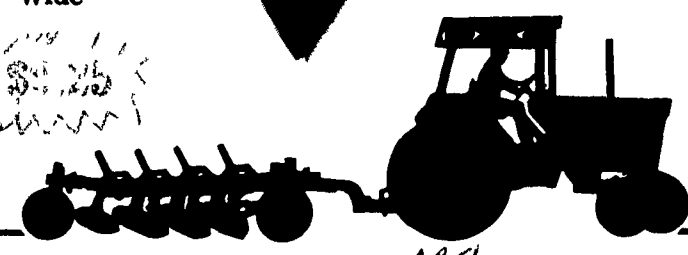
THREE-PIECE SHOVEL

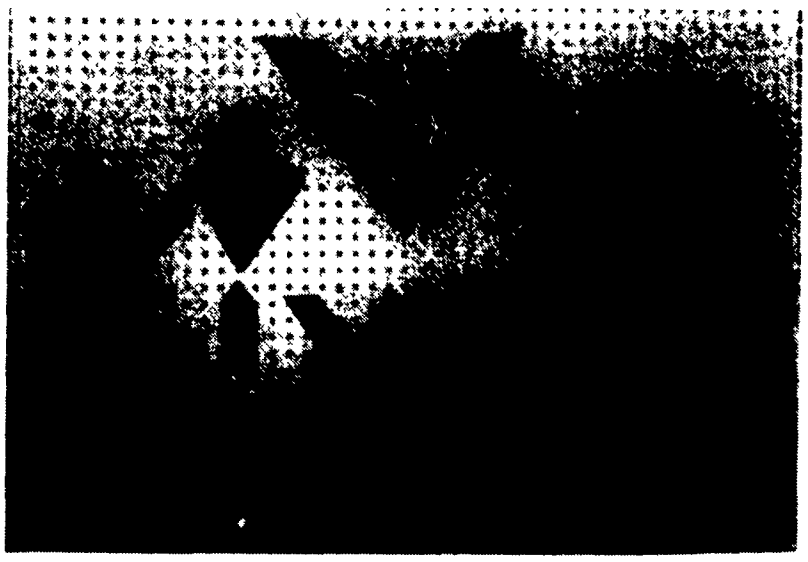
• Moldboards

$8.75

• Points

$5.50





• 2" Sweep

$1.40

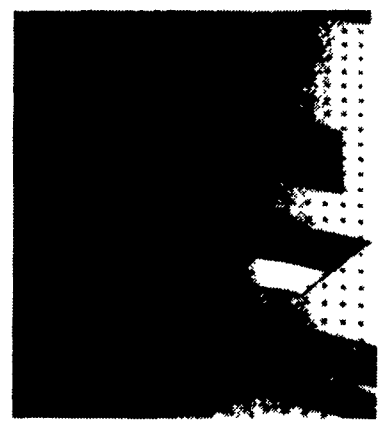
7½" Sweep

$3.32

• Landsides $8.64

• Pad $5.20

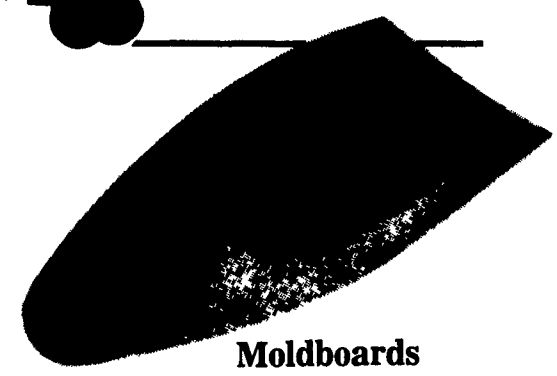
Shins $6.80



• Flat Share $7.52

• Rock Share $8.50

• Deep Suck Share $10.25



Moldboards

$42.28

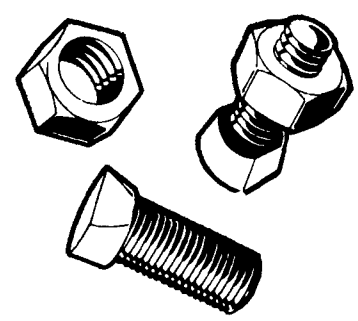
Trashboard

$6.33

$225.00
Yetter Coulter

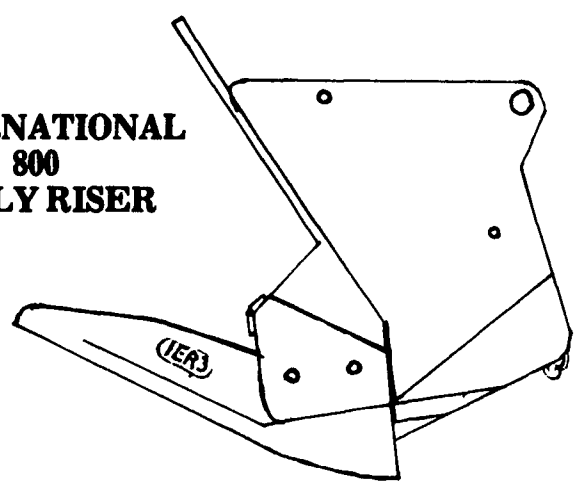
Buy 10 Sweeps or 6 Plow Shares and get free bolts to install them!

Free Bolts

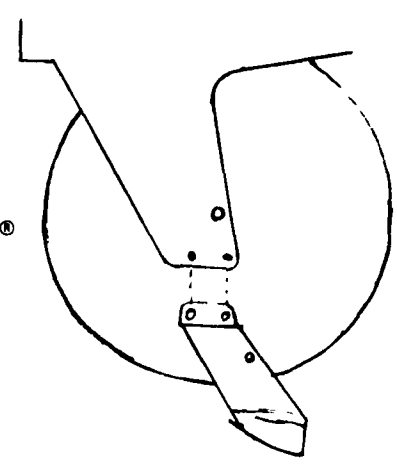


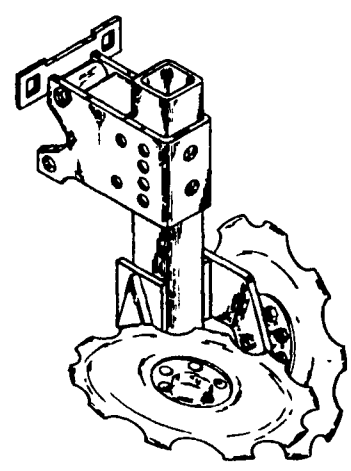
ACRA-Plant®

INTERNATIONAL 800 EARLY RISER

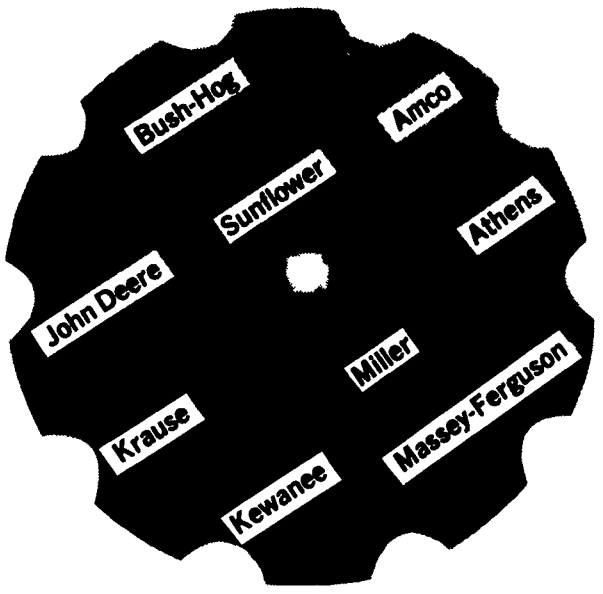


INSERT For John Deere MAX EMERGE® PLANTER





THE SAVING PLACE — DISK BLADES AND PARTS

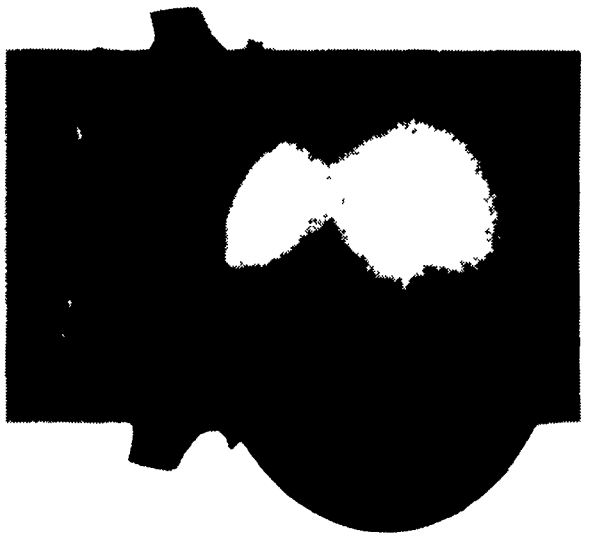


EARTH METAL

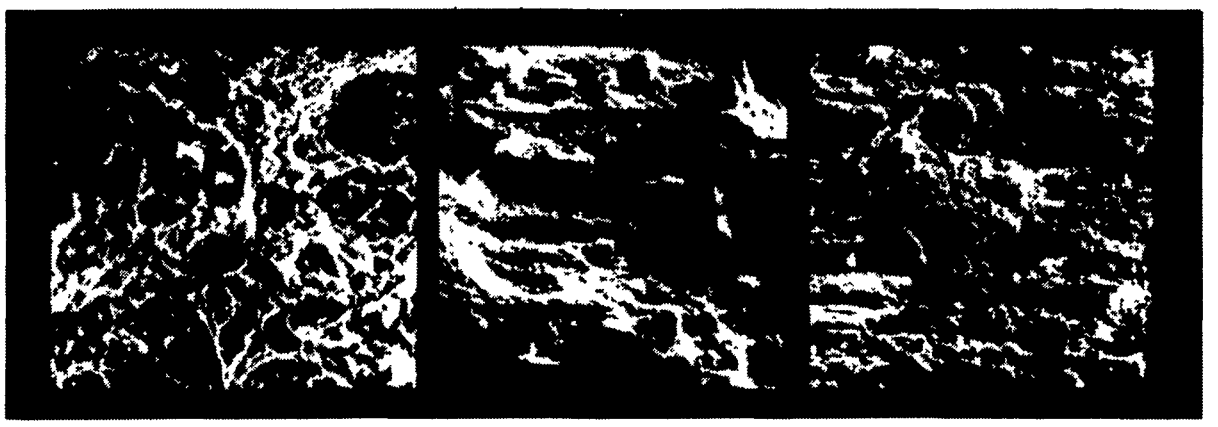
60% Tougher

20% Longer

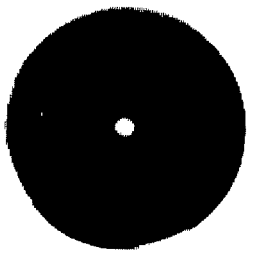
Wearing



- 22", 6 Ga. **$16.78**
- 20", 7 Ga. **$13.14**



- 24", 5/16 - 1¾ Rd. **$33.66**



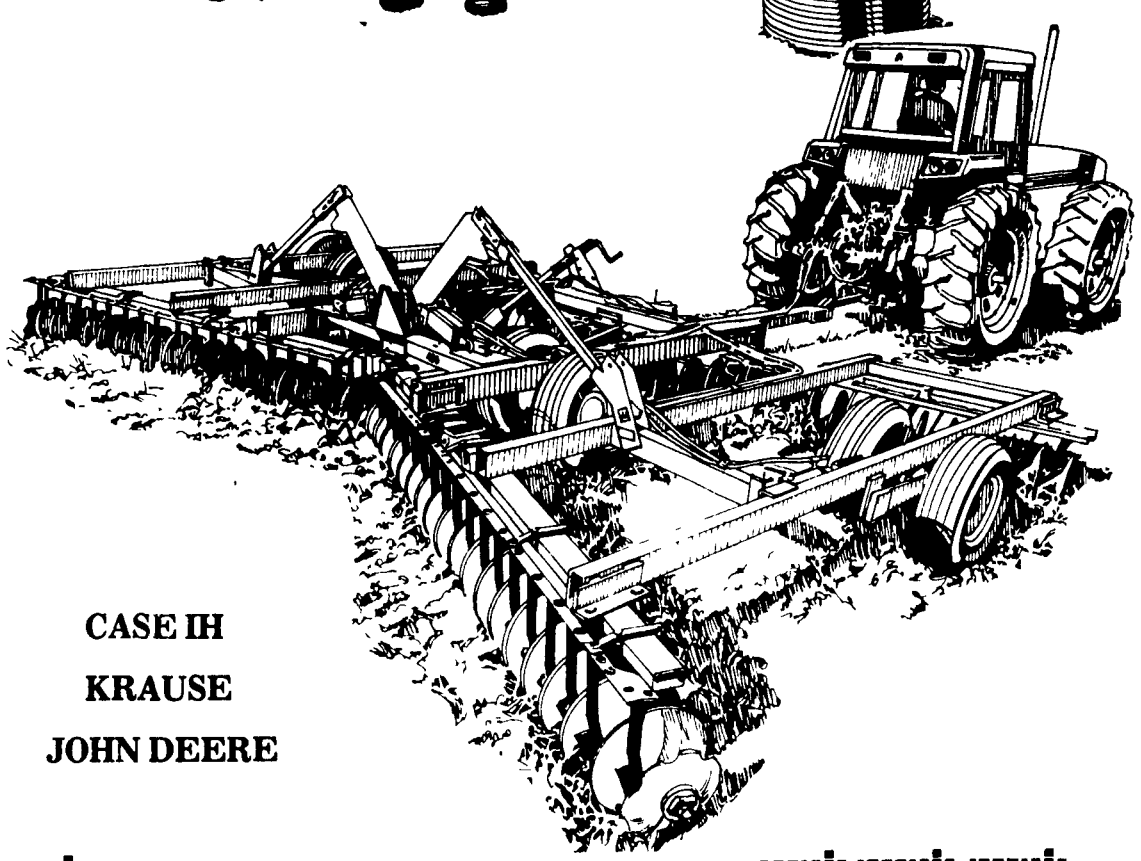
20" PLOW COULTER

$18.00

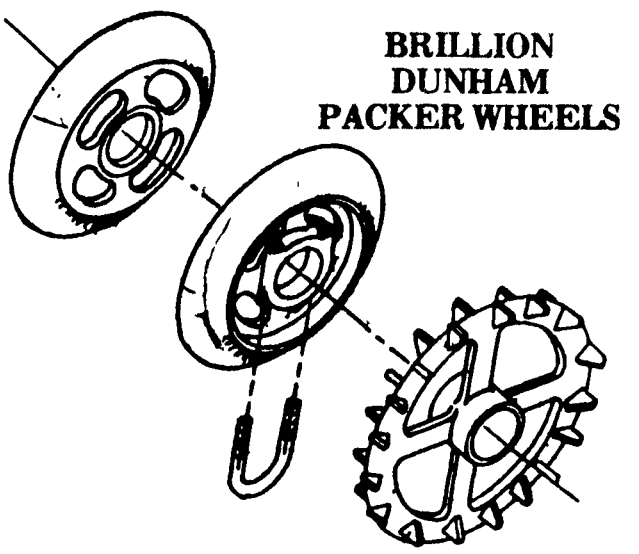
Straight-rolled conventional steel blade
When the blade is straight-rolled, sulfides become elongated stringers The blade tends to fracture easily when subjected to stress

Cross-rolled blades
Cross-rolling flattens sulfide stringers in length and width in the same plane as the blade This reduces strength throughout the steel Blades tend to split edgewise like the two sheaves of a pulley

Earth Metal blades
Special additives keep sulfide inclusions in globular form during rolling There are no sulfide stringers for fracture paths to follow. This virtually eliminates directional failures in Case International Earth Metal blades Our 22-inch 5 0 mm blades average 11% thicker than the 22-inch, 4 5 mm disks sold by most competitors Similar extra thickness for long wear life applies to other sizes as well



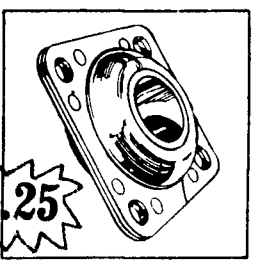
CASE IH
KRAUSE
JOHN DEERE



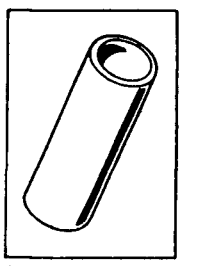
BRILLION
DUNHAM
PACKER WHEELS

DISK HARROW PARTS

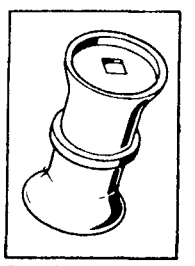
$13.25



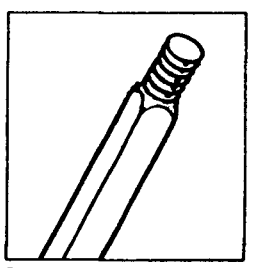
BEARINGS



SPACER TUBES



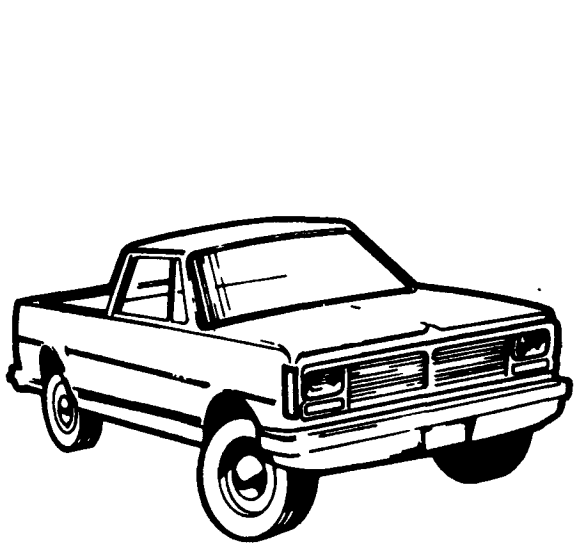
SPOOLS

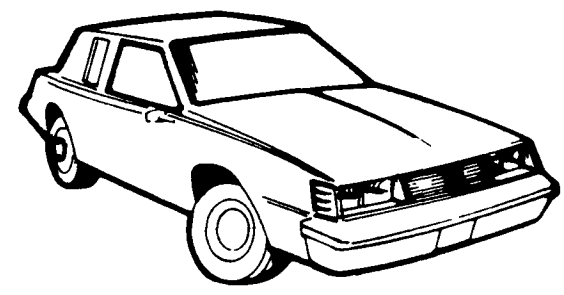


DISK AXLES

THE SAVING PLACE — ELECTRICAL

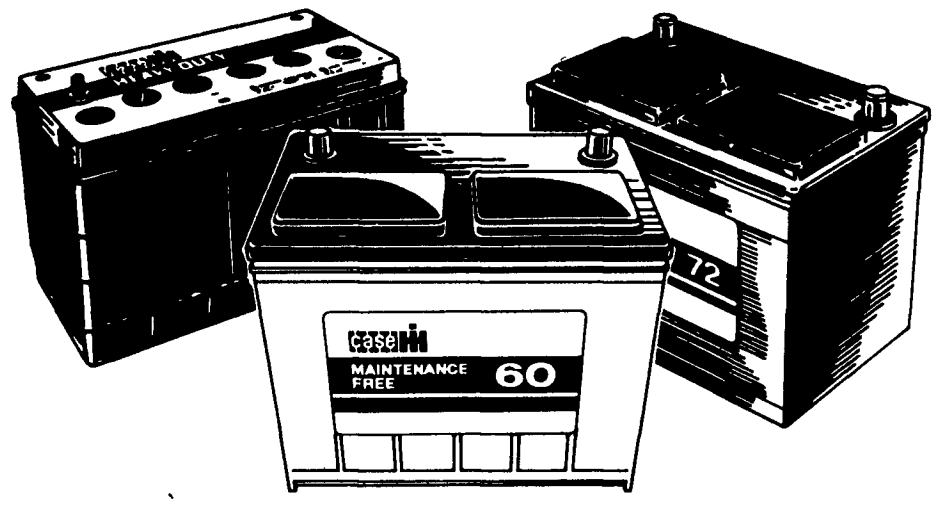
Whatever You Drive... We Have Your Battery





$38.08

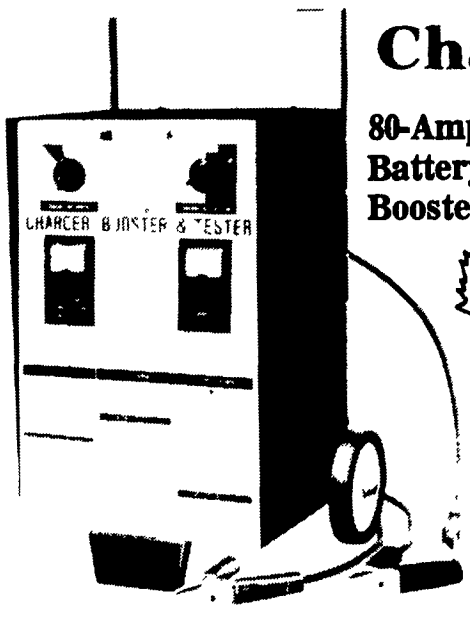
Part #B2460



$55.17

Part #BPR3EH

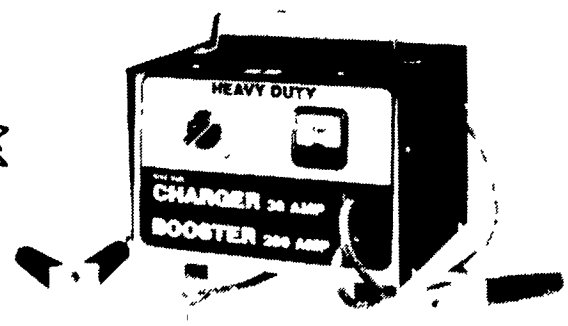
Charge Up With CASE IH Battery Chargers



1131855R1

80-Amp Battery Charger, Booster & Tester

$222.26



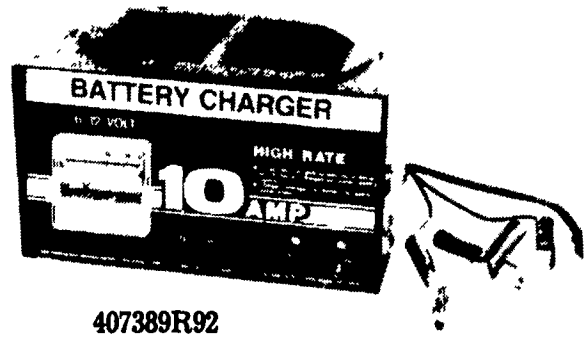
407391R92

30-Amp Heavy Duty Charger & Booster

$113.39

10-Amp Charger

$40.49



407389R92

REMANUFACTURED PARTS

Save Up To 35% OFF The Cost Of New

(Exchange Price)

- Generator, 3393987 — **$68.71**
- Starter, 4497427 — **$56.34**
- Alternator, 1301012 — **$36.69**

C.B. HOOBER & SON, INC. Intercourse, PA

HOOBER EQUIPMENT, INC. Middletown, DE

THE SAVING PLACE — TRACTOR ACCESSORIES

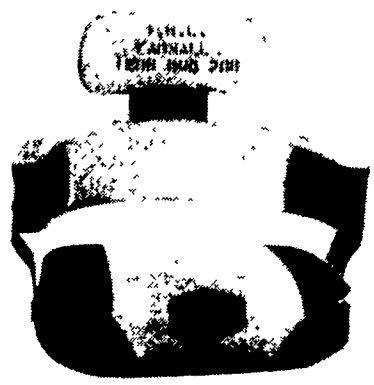
COMFORTABLE SEATS

Black Vinyl Or
Black Fabriform Cloth

Seat Assembly

SA 6173

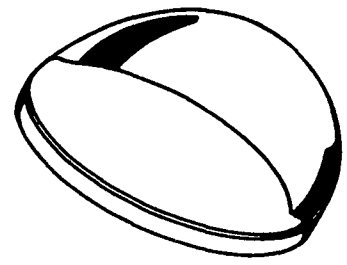
$333.48



Old Replacement = OR = New Replacement

$144.48

SA 6175



Seat Cushions

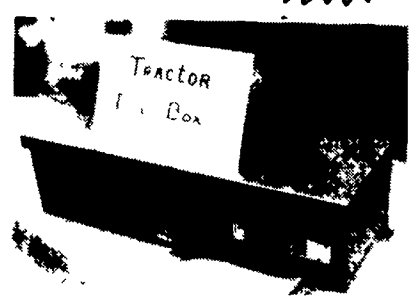
$35.00

Antiseptic Hand Cleaners

H&M Tractor Mufflers

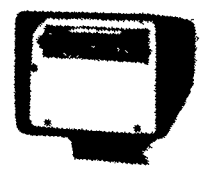
$10.93

$11.65



Tractor Tool Box

Tractor Radios



AM-FM FENDER MOUNT

AM RADIO

111643C1

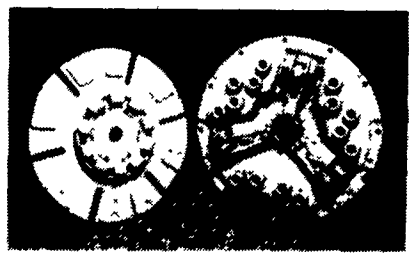
$140.00

AM-FM Cassette Tape

111648C1

REMANUFACTURED PARTS

(Exchange Prices)



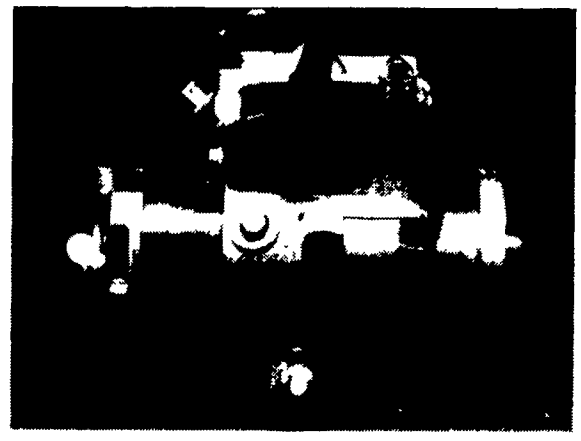
Clutches

- **DISC, 1251676C1** — **$44.75**
- **PLATE ASSEMBLY 1251692C1** — **$51.13**

Water Pumps

749170C91

$69.93

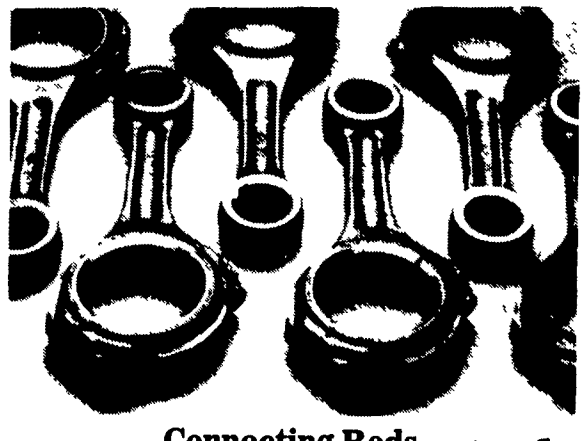


Injection Pumps

749534C91

$534.52

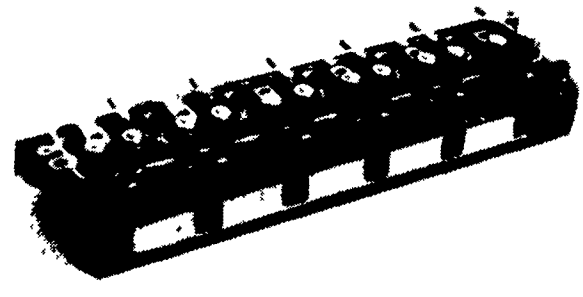
Crankshafts



Connecting Rods

735242C91

$55.45



Cylinder Heads

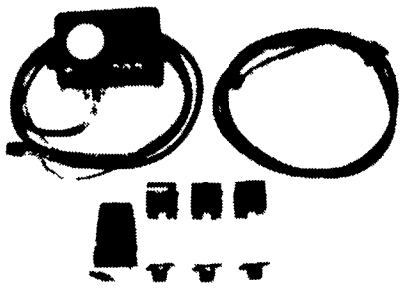
THE SAVING PLACE — SPRAYER PUMPS AND ACCESSORIES

• 1½" x 3 H.P.
$160.00
• 2" x 5 H.P.
$195.00
PACER TRANSFER PUMPS

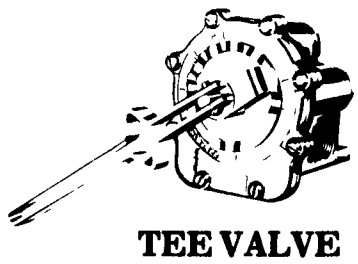
SPRAYER PUMPS
$1,062
L-4905

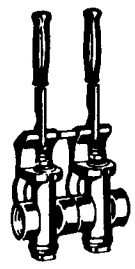
$732.00
L-4405
JOHN BLUE METERING

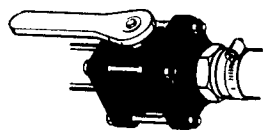
DELAVAN SPRAYING SYSTEM
KUKER


KRC-144-3-3
ELECTRIC CONTROL SYSTEMS

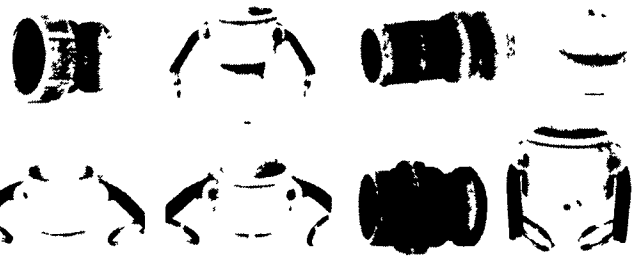
DE LAVAN SPRAYER PARTS


TEE VALVE


DIRECTO VALVE


¾" OPW BALL VALVES
$13.97

1" STRAINER
$12.55


HOSE QUICK COUPLERS

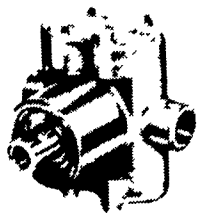
30% OFF

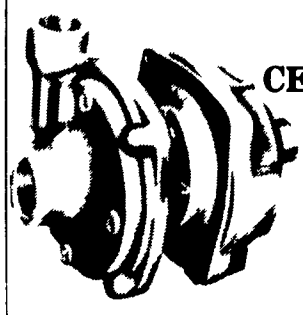
PTO PUMPS

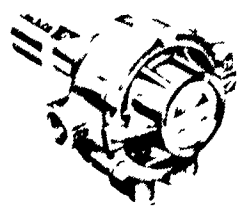
ACE CENTRIFUGAL

DELAVAN TURBO-90

ACE HYDRAULIC

HYPRO 5300 SERIES



HYPRO CENTRIFUGAL

DELAVAN ROLLER


JOHN BEAN HIGH PRESSURE PUMPS

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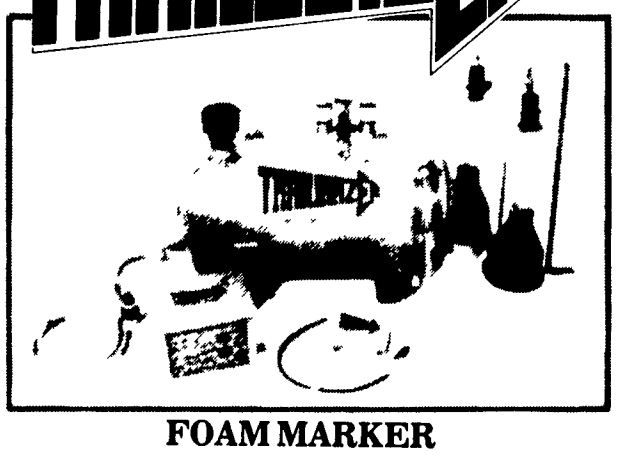
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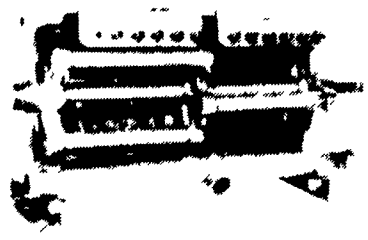
L-4-C 4 Row

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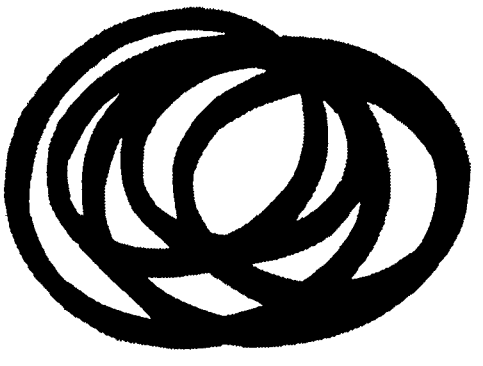
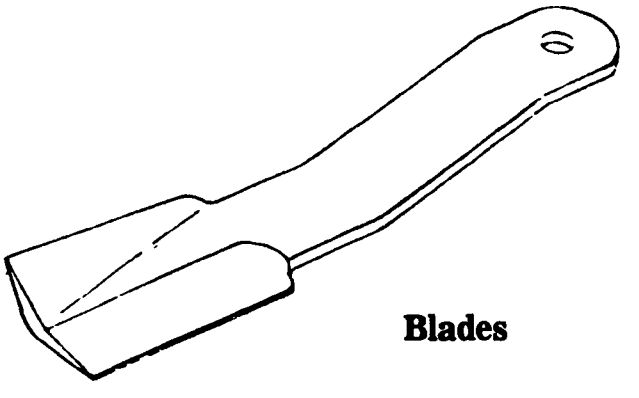
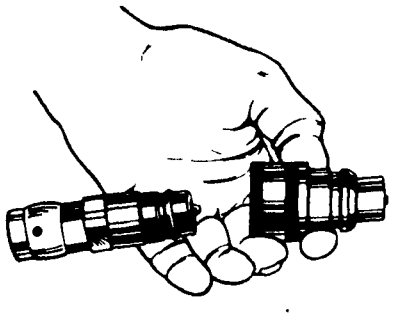


Belt



Blades

HYDRAULIC CYLINDERS & ACCESSORIES



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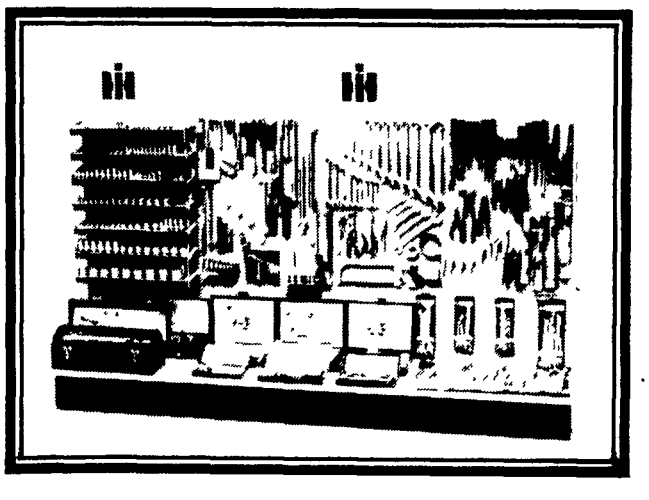

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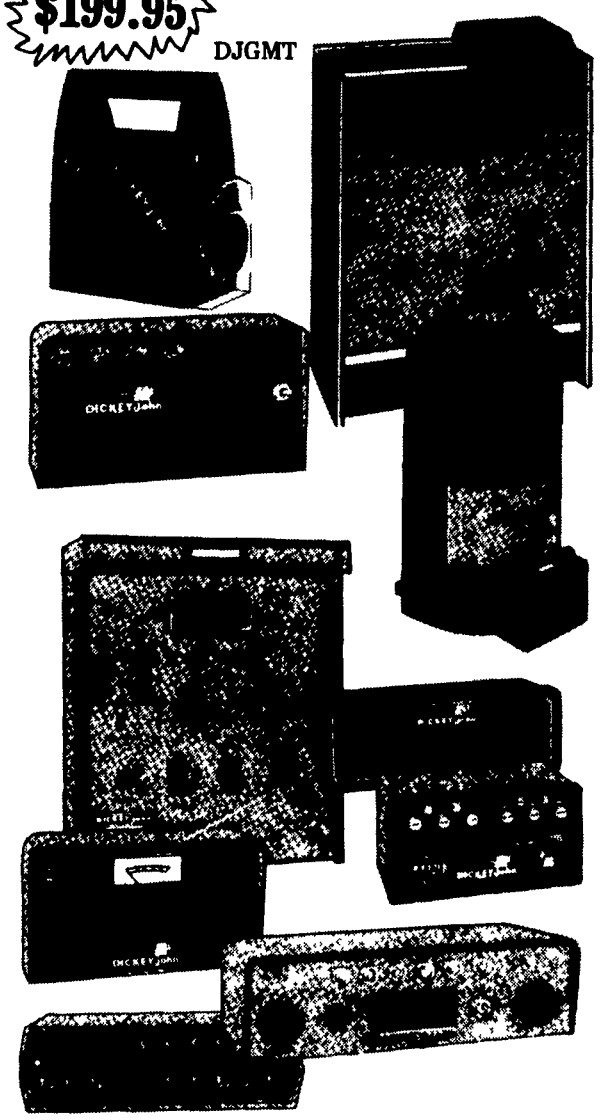

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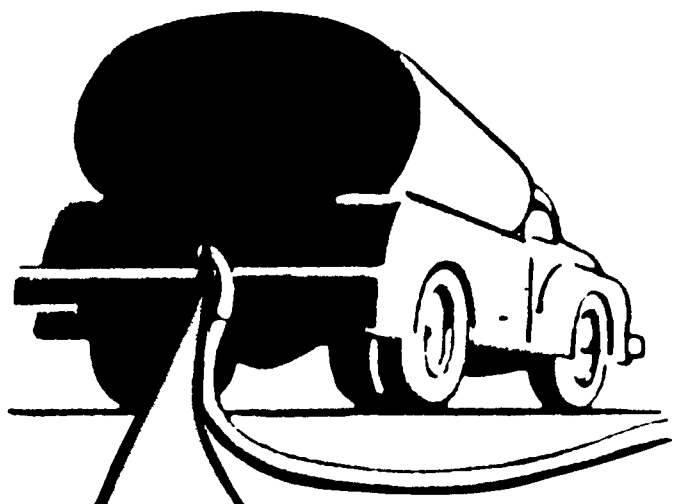

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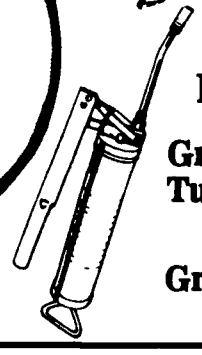

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USED PLOWS & CHISEL PLOWS

- IH 55 Chisel Plow, (9) 32" Spring-Cushion Shanks, 3 Pt. Hitch (T1434)
- IH 700 Plow, Automatic Reset, (6) Bottom, 16" Semi-Mount (T1459)
- IH 540 Plow, 4 Bottom, 16", Semi-Mount, Shifting Hitch (T1851)
- Landoll, 15 Shank Folding Slicer Chisel, Trailing, Field Ready For Your Spring Tillage (T1960)
- IH 450 Plow, Automatic Reset, 3 Pt. Hitch, 3 Bottom, 16", Needs One Coulter, Bottoms Are Ready To Plow (T2029)
- Glencoe 9 Shank Soilsaver, Slicer Chisel, Needs Work, Priced to Sell For You To Fix It Up (T2090)
- IH 735 Plow, Vari-width From 14" to 22", 5 Bottom, This Plow Is Like New - But Priced Like Used, Compare (T2131)
- IH 55 Chisel Plow, (11) 32" Spring-Cushion Shanks, 3 Pt. Hitch (T9796)
- IH 311 Plow, 3 Bottom, 14", 2 Pt. Hitch (T9872)
- White 548 Plow, 6F, 18", On-Land Hitch, Automatic Reset, New Coulters, This Plow Is Ready To Plow Now (T9927)

USED DISC HARROWS

- Athens 131 Tandem, 14', 9½" Spacing, Cylinder, Blades Good, Excellent Condition (T1556)
- Deere 111 Tandem, 10' Excellent Finishing Disc (T1602)
- Athens 83 Tandem, 10' Wide, Cylinder, 7" Spacing, Blades Good (T1604)
- Deere, KBH, 7' Drag, 7" Spacing (T1665)
- IH 7' Drag, 28 Blades (T1676)
- IH 470 Folding Tandem, 18', Manual Fold, Cylinder, 2-Bar Midwest Mulcher (T1699)
- Rhino B90 Folding Tandem, 22', 9" Spacing, Used One Year (T1714)
- Colby Tandem, 12', Good Inexpensive Disc For The Small Farm (1769)
- IH 501 Cutting Tandem, 13', 10½" Spacing, This Is A Heavy-Duty Disc (T1824)
- Deere 330 Folding Tandem, 20', Cutting, An Inexpensive Heavy-Duty Disc (T1950)
- Miller Folding Offset, 20' Single-Wing, Spacing - 9½" Front & 10½ Rear, Dual Wheels, Heavy-Duty (T2044)
- White 252 Tandem, 10', Nice All-Round Disc (T2061)
- Hutchmaster 12' Tandem, C-Arm Bearing Hangers (T2192)
- Deere 110 Tandem, 10', Dual Wheels, 9" Spacing, This Is A Good Inexpensive Disc For The Small Farm (T8034)
- Bushhog Tandem, 10' Heavy-Duty (T9109)
- Sunflower, GR-29 Flex-Wing Tandem, Heavy-Duty, Double-Offset, 9" Spacing (T9415)
- Shepherd, 9' Cultipacker, Cheap Finishing For The Small Farm (T9521)
- Bushhog 12' Tandem, 9" Spacing, Good Inexpensive Disc (T9847)

USED TILLAGE

- Midwest Mulchers (T1516)
- Deere, Roller Harrow, 12', Excellent Condition (T1712)
- Krause, 3124 Landsman, 24' Combination Tillage Machine, Used One Season, Farmer Cut Back His Acreage (T2237)
- IH 300 Rotary Hoe, Hydraulic-Fold, Weathered But Hardly Used (T9300)
- IH 45 Vibra-Shank Field Cultivator, 16', 6" Spacing, 3-Bar Mulchers, Priced To Sell (T9474)

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USED CULTIPACKERS

- Brillion 9' Cultipacker (T1627)
- IH 12' End Transport, Priced To Sell Now (T1820)
- Brillion Cultipacker, 10', Good Shape (T9077)

USED SPRAYERS

- FMC 1-Way Head For 1229 Air-Blast Sprayer (V1078)
- FMC 2-Way Rowcrop Head For 1229 Air-Blast Sprayer (V1079)
- Raven 150 Gallon Saddle Tanks, Include Bands, Saddles & Valves, Can Be Mounted On Your Planter For Liquid Fertilizer (V1734)
- Myers 20GPM High Pressure, 300 Gallon Tank, Boom, Needs Work (V9143)
- Walsh Field Sprayer, 200 Gallon, 3-Pt. Hitch, 24' Boom (V9889)
- Poly Tanks, 90 Gallon, Use For Whatever You Want (V9924)
- John Blue Anhydrous Applicator, Toolbar, (5) Knvies @ 38" Spacing (V9919)

MISCELLANEOUS USED

- Myers 7' Snow Blade, Deere Mount, Trip Spring (V1380)
- IH 540 Manure Spreader, 150 Bushel, New Bottom & Sides, New Web, Repainted, If You'd Like A New Spreader But Cannot Afford One - This Is Your Spreader (V9769)
- John Blue Anhydrous Applicator, Toolbar, (5) Knives @ 38" Spacing (V9919)
- Half-Tracks, Fit IH Farmall M, Super MTA, Super M (W1083)
- Sauder Pipe Loader, Fits Farmall H & M (W1112)
- IH 72" Material Bucket, Fits 2250 Loader (W1138)
- IH 84" Material Bucket, Fits 2050 Loader (W1731)
- Deere 7 Cycle Bar Mower, 3-Pt. Hitch (U2040)
- IH Row Crop Head, 3 Row, Fits 830 or 881 Forage Harvester (U9501)
- IH 56 Blower, The Blower That Takes Less Power (U2026)

USED PLANTERS & DRILLS

- IH McCormick 13x7 Drill, Grass Seed (V1555)
- IH 800 Cyclo Planter, 6 Row, 30" Spacing, Completely Reconditioned, Fertilizer, Insecticide You Can Get Excellent Stands With This Planter (V1616)
- Great Plains 14' Trailing Drill, Acre Meter, Double-Disc Openers, Depth Gauge Wheels, Heavy-Duty Seeder For Large Acreage, Traded On A Larger Drill (V1726)
- IH 10' Drill, 16x7, Fertilizer, Grass Seeder, Good Drill For Small Acreage (V1752)
- IH 800 Cyclo Planter, 6 Row 30" Spacing, No-Til Coulters, Insecticide, No Fertilizer, Excellent Used Planter (V2050)
- IH 10 Drill, 16x7, Needs Work (V6975)
- IH 400 Cyclo Planter, 6 Row 30" Spacing, No-Til Coulters, Dry Fertilizer, Insecticide, Monitor (V7666)
- IH 510 Drill, 21x7, Single-Disc, Fertilizer, Clean Drill (V8881)
- Deere Drill 15x7, Fertilizer, Grass Seed, Sell This One Cheap (V9246)
- IH 2-Drill Hitch For 620 Press Wheel Drills, Endwise Transport Hitch (V9301)
- IH 620 Press Wheel Drill, 24x7 Plain, Good Condition, Weathered But Hardly Used (V9302)
- IH 620 Press Wheel Drill, 24x7 Plain, Good Condition, Weathered But Hardly Used (V9303)
- AC 600 No-Til Planter, 6 Row 30" Spacing, Dry Fertilizer, Monitor, Gandy Insecticide, There Are Many Good Years Left In This Planter (V9376)
- IH 400 Cyclo Planter, 6 Row, 30" Spacing, Good Planter For Parts (V9430)
- IH 5100 Drill, 21x7 Plain, Repossessed, In Good Condition At A Fraction Of New Price (V9507)
- Deere Drill 15x7, Grass Seed, Acremeter, Nice Drill For The Small Farm (V9853)
- Deere 8300 Drill, 16x10, Plain, This Is A Great Soybean Drill In Excellent Shape (V9922)
- IH 400 Cyclo Planter, 4 Row, 34" Spacing, Dry Fertilizer (V9948)
- Liquid Fertilizer Tanks, 90 Gallon Poly (V9924)

SELECTED NEW EQUIPMENT

NEW CASE-IH EQUIPMENT

- Case IH 5513 Chisel Plow, (13) 32" Spring Cushion Shanks, 3-Pt. Hitch Mounted, Gauge Wheels, This Chisel Is Priced to Sell Now, Only Two Left. (C9828 & C9829)
- Case-IH 4500 Vibra Shank Field Cultivator, 12.5' Trailing, Expandable To 18.5', Compare This To Any Other Field Cultivator. Two Left (D9826 & D9827)
- Case-IH 56 Blower, 56" Fan Blows Easier And Higher Than Other's 60" Blower. Only One At This Price (F1512)

NEW KRAUSE EQUIPMENT

- Krause 4926 "Rockflex" Disc, 22.5' Flexwing Fold, 22"x¼" Notched Blades, Demonstrated, Priced to Sell Now (P8829)
- Krause 4924 "Rockflex" Disc, 20' Flexwing Fold, 22"x¼" Blades, Leftover 1986 Model, Big Savings Over 1987 Models (P9233)
- Krause 3118 Landsman, Combination Tillage Machine, Front Disc Gang, K-Tine Field Cultivator Teeth, And 3-Bar Mulchers With Rolling Basket (P9740)
- Krause 3118 Landsman, Combination Tillage Machine, Front Disc Gang, K-Tine Field Cultivator Teeth, And 5 Row Spiked Harrow (P9895)

NEW SPRAYING EQUIPMENT

- FMC DP20, 3 Pt. Sprayer, 100 Gallon Poly Tank, 20GPM Diaphram Pump, Excellent Machine For Spot Spraying Post-Emergence Herbicides (Q1452)
- FMC D005E100F, Skid Sprayer, 100 Gallon Fiberglass Tank, 5 GPM Piston Pump, Use For Small Orchard Or Spot Spraying With Hose & Gun (Q8915)
- FMC D060P600, Trailing Sprayer, 600 Gallon Tank, PTO Drive, 60 GPM Piston Pump, 84' Boom - Self-Leveling & Hydraulic, Industry Standard Vegetable Sprayer (Q9811)
- Kuker 15 Gallon Chemical Pre-Mixing Tub, Put Those Expensive Chemicals In The Tank With This Tub (Q6499)
- John Blue, A-802-B Liquid Fertilizer Applicator, 15' Wide, 7 Knife, 3 Pt. Hitch, 200 Gallon Tank, Get The Fertilizer In The Ground Where It Belongs (Q8915)

NEW MISCELLANEOUS EQUIPMENT

- 12" Backhoe Bucket, Make It Fit Your Backhoe (H1015)
- DMI Tiger II Subsoiler, 5 Shank, Colters, This Machine Is Designed With Spring Reset Shanks To Permit Subsoiling In Adverse Conditions (R1323)

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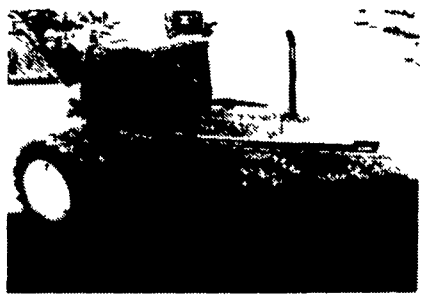
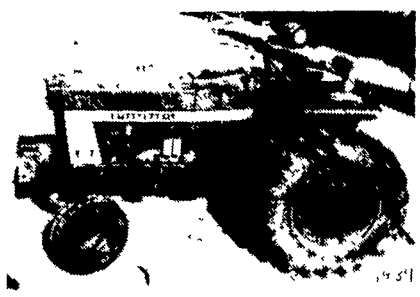
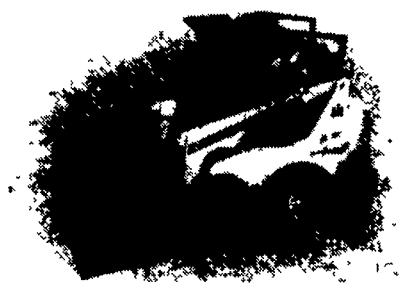


IH 6388 2+2 Tractor, '81 AC, 540 & 1000 PTO, 18.4x38 Duals, 4 Hyd. Outlets, 1455 Hours (W1681)

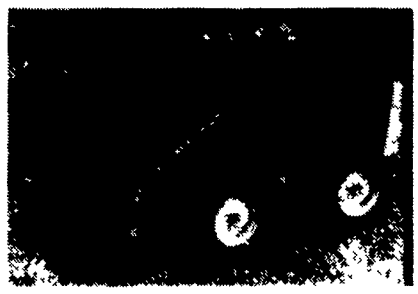


IH 966 Diesel, Gear, TA, 18.4x38 Tires, 1000 & 540 PTO (W1439)

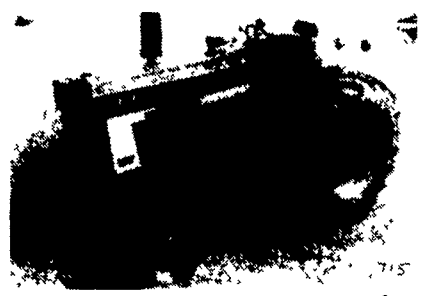
IH B Tractor, Gas, Gear, 9.5x24 Tires (W1750)



IH 4140 Gas Skid Loader w/60" Bucket (W1562)

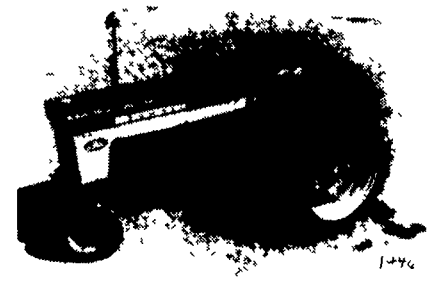


Versatile 160 4 WD, 100 HP Diesel Engine, Hydro Transmission, Loader, 3 Point Hitch, PTO (W1364)



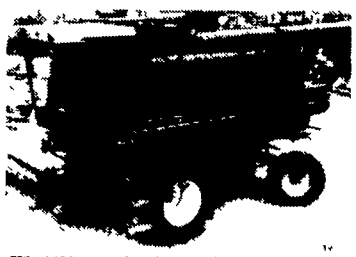
IH F1066, Diesel, Gear, T/A, 20.8x38, 540 & 1000 PTO (W1715)

Ford 3400 D Industrial Loader



IH F460 Diesel Gear, 2 Point Hitch, 15.5x38 Tires, 540 RPM PTO (W1446)

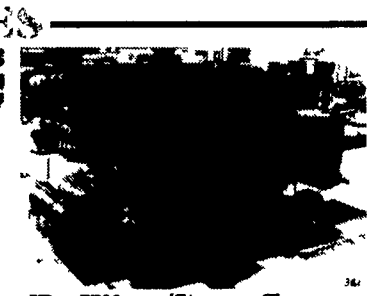
USED COMBINES



IH 1480 Axial Flow w/Mudhog AWD, 14 9x24, 67 00x34.00 - 30 Tires, A/C, Monitor, Electro-Hydraulic Controls, Excellent Condition (U2034)

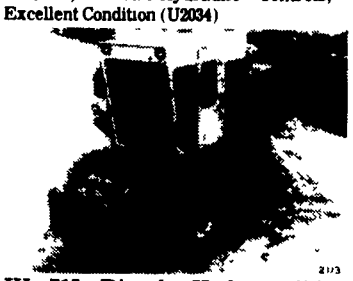
John Deere 6620 Sidehill, Diesel, Hydro, 1200 Hrs. (U2121)

MF 510 Diesel, Gear, 18.4x26 Tires, AC (U1992)

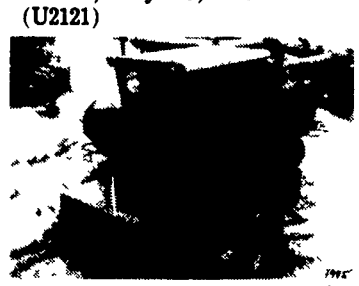


JD 7700 w/Straw Chopper, 24.5x32 Tires, Gear w/Variable Speed (U1361)

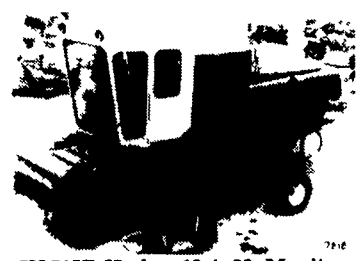
IH 203 Combine, Gas, Gear, Cab, 2 Row Cornhead (U1205)



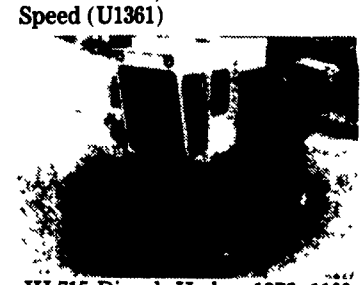
IH 715 Diesel, Hydro, 1976, 23.1x26 Tires, 1224 Hrs., A/C (U2113)



MF 510 Diesel, Gear, A/C, Grainsaver, 18.4x26 Tires (U1995)

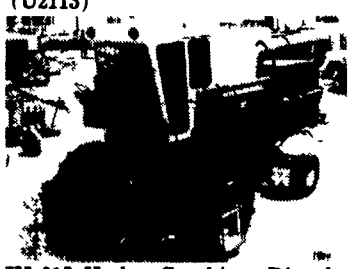


IH 715D Hydro, 18.4x26, Monitor (U7818)

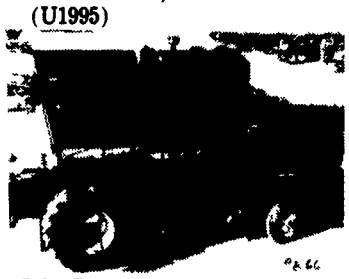


IH 715 Diesel, Hydro, 1976, 1100 Hrs., 23.1x26 Tires (U1961)

Used Bean Harvester, Chisolm-Ryder, IH 504 Tractor

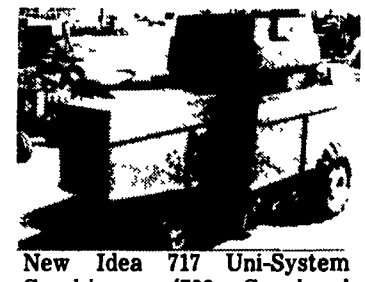


IH 815 Hydro Combine, Diesel (U1844)



John Deere 4400 Diesel, 18.4x26, A/C, Straw Chopper (U9806)

New Idea Uni-Harvester, Model 705 Tractor, Diesel Model 767 Super-Chopper, Model 768 Wide/Narrow, 3 Row Head (U1285)



New Idea 717 Uni-System Combine w/738 Cornhead (U1779)

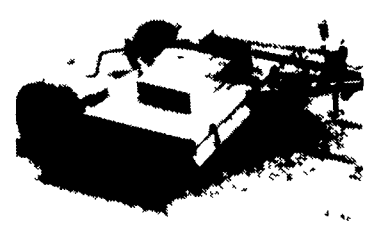
Gleaner G, Gear, Cab, Diesel, w/4 Row Cornhead, 13' Platform (U1369)

OTHER USED EQUIPMENT

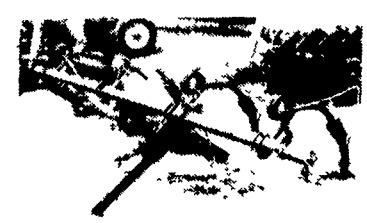
Walsh Sprayer, 3 Pt., 200 Gal. 24' Boom (V9889)

IH 540 Manure Spreader, 160 Bushel, Hydraulic Endgate, 8.25x20 Tires (V9769)

John Deere 7' Cycle Bar Mower, Belt Drive (U2040)



New Woods Model C-114 Mower 9'6" Cut, Twin Blade (R9386)



John Blue Anhydrous Tool Bar, 5 Knife, 38" (V9919)

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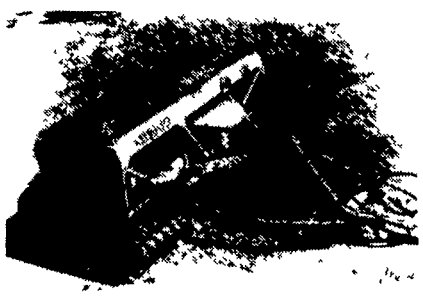
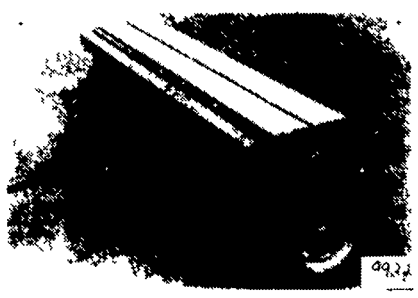


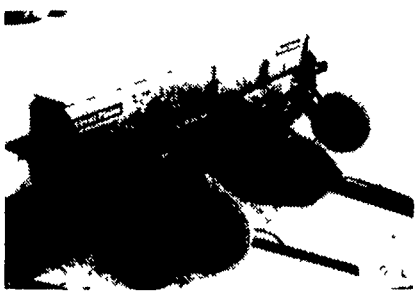
Haybuster, 1206 No-Til, 12', 6" Spacing, Fertilizer (V1462)

IH 620 Grain Press Drill, 21 Openers, 7" Spacing, (Ideal for Soybeans & Alfalfa) (V9302)



Deere 8300 Grain Drill, 16 Double-Disc Openers, 10" Spacing, Press Wheels (U9922)

IH #10 7x16 Grain Drill, Fert. Seed Box, Grass Seed Attach. (V1752)



Great Plains 14', 23x7" Drill, Acre Meter, 3 pt. w/Pull Hitch, Depth Gauge Wheels, "V" Press Wheels (V1726)

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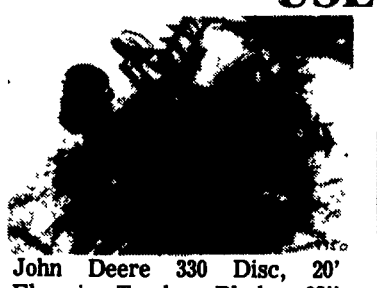
AC 600 6 Row No-Till Planter w/Gandy Appl., Cyl. & Hoses, Dry Fert., Monitor (V9376)

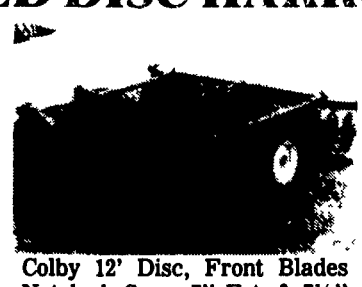
IH 800 Cyclo Planter, 6 Row, 30" Insecticide Monitor (V2050)

USED DISC HARROWS

Athens 131 Flex-Frame Disc, 14', 9½" Spacing (T1556)

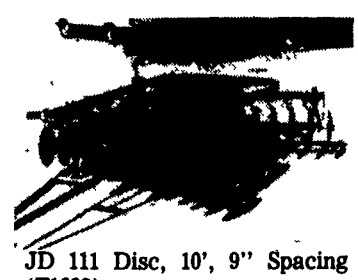


John Deere 330 Disc, 20' Flexwing Tandem, Blades - 25" Front, 22" Rear (T1950)



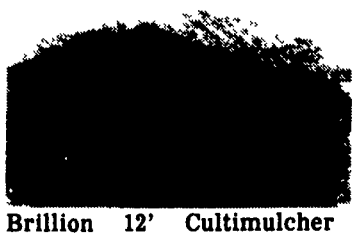
Colby 12' Disc, Front Blades Notched, Spcg. 7" Frt. & 7½" RR, Blades 17" Frt., 18" RR (T1769)

Bush Hog 12' Disc, 9" Spacing (T9847)



JD 111 Disc, 10', 9" Spacing (T1602)

Deere 110 Disc, 10', 9" Spacing (T8034)



Brillion 12' Cultimulcher (T2155)

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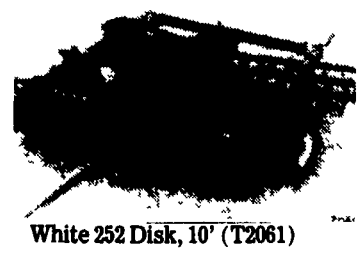
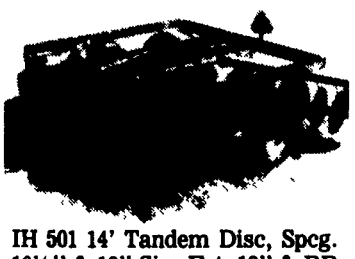
Rhino RB90 Disc 24', Size 20" Frt., 21" RR, 9" Spacing (T1714)

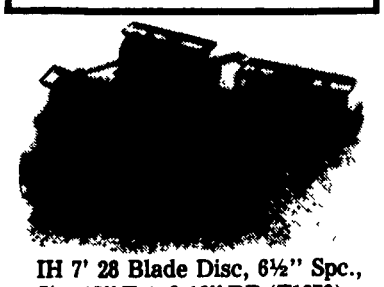


White 252 Disk, 10' (T2061)

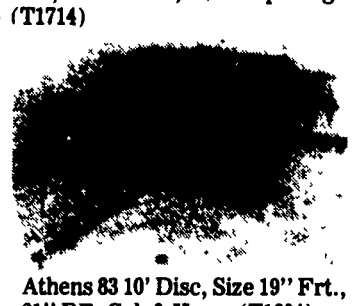


IH 501 14' Tandem Disc, Spcg. 10½" & 10" Size Frt. 19" & RR 22", Cyl. & Hoses (T1824)

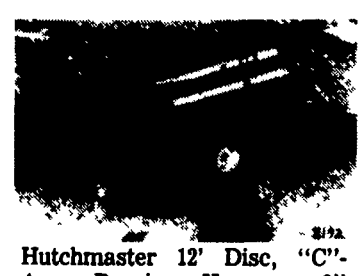
IH 470 18' Disc, Rear Mulchers, Tandem Spacing, 9" Frt. 7½" RR, Size 16½" Frt. 17½" RR, Cyl. & Hoses (T1699)



IH 7' 28 Blade Disc, 6½" Spc., Size 15" Frt. & 16" RR (T1676)



Athens 83 10' Disc, Size 19" Frt., 21" RR, Cyl. & Hoses (T1604)



Hutchmaster 12' Disc, "C"-Arm Bearing Hangers, 9" Spacing (T2192)

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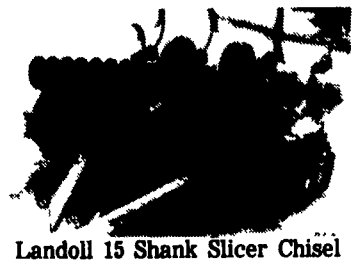
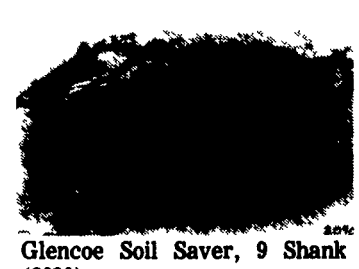
White Model 548 Plow, 6F, 18" On-Land Hitch, Automatic Reset (9927)

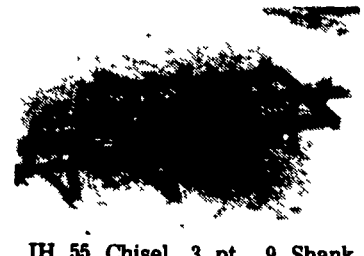
IH, 700 6 Bottom Plow, Auto. Reset, 16" (T1459)



Landoll 15 Shank Slicer Chisel Plow (T1960)



Glencoe Soil Saver, 9 Shank (2090)



IH 55 Chisel, 3 pt., 9 Shank (T1434)

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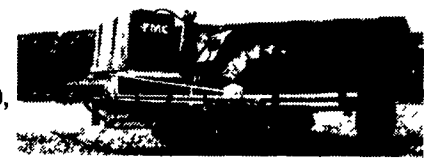

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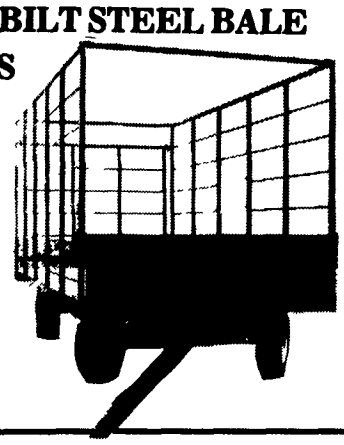

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RCMA Updated At Chester County Meeting

BY EVERETT NEWSWANGER
Managing Editor

Editor's Note: Prior to the Chester County RCMA meeting in Parksburg last week we caught up with Harold Eby, the spokesman for the effort to sign independent milk producers into a milk marketing cooperative. This cooperative is designed for bargaining power to inforce over-order pricing through an 11-state area. Pennsylvania is one of the last areas to be reached with this membership drive, and we asked Eby how the program was progressing and what additional points are pertinent at this time. Our questions and his answers follow.

Q. Harold, we've been reporting now for some time about the events and the progress of RCMA, how far along are you by now, especially in Pennsylvania?

A. The independent producers that have signed up for membership in RCMA are now being put on computer. Hopefully by mid-February we will be able to identify the individual producers and know their location. Regions are put together over the 11-state area, and there will be about 18 to 20. The regions are put together based on the prospects for the program as best as we can identify them. Each region must have 300 independent producers. The regions likely will encompass between 300 and 600 independent producers. By early March we will send out notices to these farmers who have joined the cooperative. They will then get together for organizational meetings and to elect a representative from their district to the RCMA board when it comes into play.

In New York state they have over 80 percent of the independent producers signed up. In Pennsylvania of the 3,200 independent producers needed 80 percent would be 2,500. Presently we have 400 to 500 members in Pennsylvania. But the interest is beginning to build as more and more people hear about it. The farm press has been very valuable in getting people to know about the program.

Q. We have had a drop in the support price in January. While we do have some premiums being paid because of the scarcity of milk right now, many people believe that surpluses will return in the not too distant future. Prices may even be below order. Would you care to comment on this?

A. When we look at the drop in January of the support price, it was two cents per pound of butter. The Chicago market dropped 18 cents a pound of butter. Where the production levels are low enough to hold the price over the support level, I'm not in a position to say. But the drop in price has had an adverse affect on the blend price. We can look for this drop to continue and by the flush period of May and June many economists say, and I agree with them, that we will likely get less for our milk than a year ago.

One of the ideas we need to consider is that if we can just hold the price rather than let it drop, we have accomplished something for farmers with RCMA. But we need to band together to do it.

Q. Some farmers are reluctant to do anything to harm the handler especially if they are small handlers and have been with this handler for a long time. How do you answer this legitimate reserve from farmers?

A. Yes this is a question that oftens comes up and we sometimes hear that we don't need RCMA, that we can go to our milk handler for premium. In my opinion the last two years have been the best, most lucrative of the last 10 years for milk handlers. Now if there was any willingness to pay a premium, we should have seen it, and we didn't. It's only since RCMA has begun to surface that we started to hear anything about handlers paying their producers premium. Handlers are businessmen in business to make a profit. And we certainly don't hate them for that. But farmers also are businessmen, and they should have their share. Over the last three years they haven't been getting it. Looking at this year's prices projected, we will receive about what we did in 1979, and we're paying 1987 prices.

Q. Some farmers are reluctant to join a cooperative. In fact they are reluctant to join anything I suppose. What about the idea of the real need of the cooperative effort to get over-order pricing?

A. We need to emphasize that the only way we can do this job is to put together a cooperative. Some don't like cooperatives. If there is another way, I haven't heard about it yet. RCMA doesn't want to hurt the handler. Whether the handler can take the extra price over-order out of the present profit or if you must get it out of the retail market, I don't know. I do know that since Farmland got into the New York city market effective two weeks ago the price in New York city has dropped 40 cents per gallon. That equates out to $4 per hundred.

Q. That sounds like a large drop that must come from somewhere. Apparently at this point from the handler's profit. Could you comment a bit more on that Farmland situation?

A. Well, previously Farmland had been denied access to the New York market. But that has since been overturned, and just recently Farmland has negotiated for entry into the market there. It has become really competitive now because last fall Dairylea sold their a Woodside plant to Tuscan Dairies. Then Johanna bought Tuscan that put both of them into the New York city market. Johanna bought Lehigh Valley's Schuylkill Haven plant. All of these were then bought by Labatts, a brewery out of Canada. So now you have Labatts owning Lehigh Valley, Tuscan, Johanna and Dairylea and of course in competition with Farmland in the New York city market. That gives them a sizable chunk of the market under one head.

Q. Another concern farmers would need to have is the diminishing number of handlers for their milk. Would you say that that would tie in with the need for RCMA?

A. Yes, we are looking at reduced handlers. One handler now has four operations under his control. We are continuing to see that kind of situation. And if farmers don't get together and organize and recognize their bargaining power, I don't where they are going to be at.

Q. You have said RCMA can even help the handlers. Would you explain this?

A. Well even the small handlers may be helped if their producers are members of RCMA. To get an increase in price at the retail level, the handler must go to the milk control board and justify an increase in cost. If a handler's memebers belong to RCMA, the handler can blame the need for an increase for milk prices on the increased price they must pay to farmer RCMA members. If these producers are not members of RCMA, the handler may have a harder time proving the need for price increase based on an increase in his costs.

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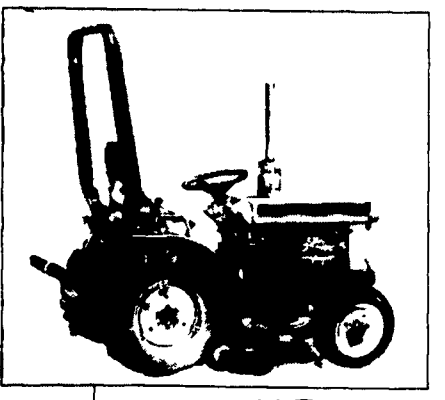

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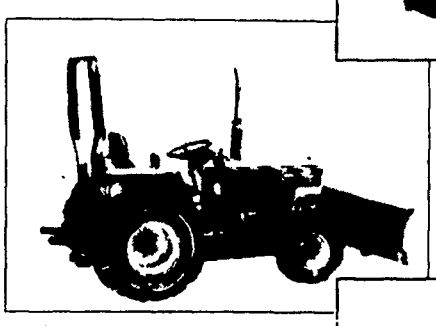

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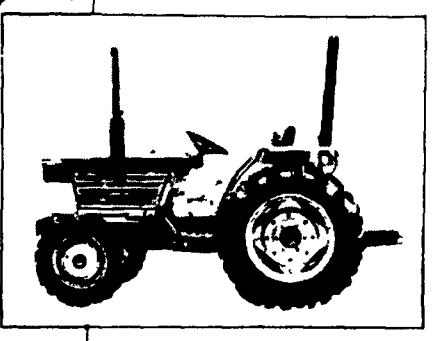

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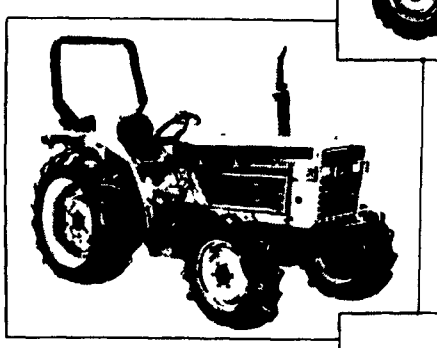

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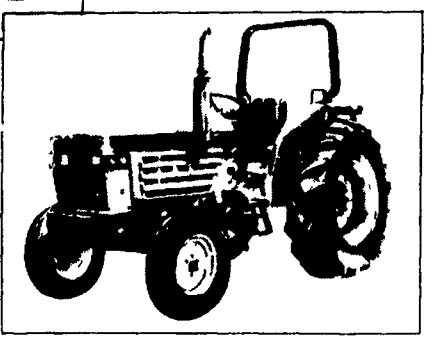

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Chester County DHIA Monthly Report

dhia — Pennsylvania Dairy Herd Improvement Association

December, 1986

Ben Beiler and T. Barlow owned the high cow for fat production for the December testing period. Their 3-year-old Holstein completed her lactation with 25,395 pounds of milk and 1,161 pounds of fat Melwood Farm owned the high milk cow for the month. Their 3-year-old Holstein produced 35,161 pounds of milk and 1,147 pounds of fat

Name	Brd.	No. Cows	% Days In Milk	Milk Lbs.	3 Fat X Lbs.
Melwood Farm	3	35 3	90 3	25,009	988
Ardrossan Farms	1	120.7	89 2	20,769	870
Dunwood Farm	3	56.9	89.8	21,790	830
H&R Mason	3	135.0	89 7	21,046	808
Jonas B Stoltzfus	3	46.1	88.4	21,037	804
Ken+Marilyn Umble	3	58.2	89.8	21,153	791
Breck-A-De Farm	3	79 6	86 4	21,107	774
Thomas C Kearns	B3	42.5	84 8	19,998	760
John S Stoltzfus	3	71 8	90 3	19,549	752
Robert E Pepple	3	65 0	86 5	20,263	751
Arthur+Dwane Hershey	3	54 5	85 1	20,907	748
Ben Beiler&T Barlow	3	101 4	85 4	19,656	745
Harold J Ranck	3	55.5	89 0	19,323	743
Glen H Freese	3	72 3	86 4	21,404	741
Joseph Lusby	3	56 6	88 1	19,398	740
George P Lamborn	3	35 6	86 7	19,969	738
Donald Hostetter Jr	3	87 9	88 3	19,971	738
Mrs John B Hannum 3D	B3	94 8	87 0	21,515	737
Chris&Ches Stoltzfus	3	55 4	86 1	18,893	732
Wilmer L Hostetter	3	50 4	86 0	19,785	730
Mark&Melody Stoltzfus	B3	55 3	84 3	18,916	729
Vernon Guest & Son	B3	95 9	88 1	18,786	729
Paul King	3	66 0	93 9	19,079	722
Landis S Reid	B3	61 7	89 9	21,011	722
J Harold Bare	3	67.8	86.4	19,157	720
Swan View	3	62 9	85.6	19,620	720
William L Stoltzfus	3	49.4	88.2	19,175	718
Jefferson D Yoder	3	68.0	88.8	18,772	715
Richard Hostetter	B3	49.0	84.6	19,918	713
Benjamin K Kauffman	B3	42.3	88.7	19,485	711
Donald M Horning	B3	50.8	85.9	18,840	710
Daniel R Stoltzfus	B3	38.5	85.7	19,675	707
David E Weaver	3	106.2	86.9	18,081	705
Leon D Kurtz	3	42.8	88.0	20,370	703
Mast Stoltzfus	B3	48.4	88.3	19,192	701
Kulp Bros	B3	89.9	88.7	19,930	699
David K Stoltzfus	B3	47 5	85 1	18,618	698
Herman Stoltzfus	3	55.9	87.4	19,402	698
Jesse E Lair	B3	87.6	86.6	20,039	698
Timberview Farm	3	57.8	85.6	17,379	697
Samuel K Stoltzfus	B8	43.2	87.5	19,103	697
Donald L Kauffman	B3	70.6	86.7	18,835	696
A Dudley & Son	3	55.6	85.4	18,152	694
Spring Aqua Farm	3	87.1	90.2	19,477	691
Pei-Valley Farm	B3	76.1	87.3	18,021	690
Bright Meadows	B3	70 8	80 7	19,256	689
Calvin+Tim Kurtz	B3	83.0	85.4	18,724	688
Elmer A Mast	B3	82 9	87.3	17,624	688
Paul Martin	B3	65.5	84 8	20,462	688
J Elmer Lapp	3	40.4	87.3	18,888	685
Dale Hostetter	3	50.2	85 2	18,715	681
Lester Eby	3	67.6	84.8	18,779	680
David&Dawn Windle	3	55.4	84.0	18,554	680
Daniel M Stoltzfus	B3	50.9	83.2	18,038	678
Kevin Stahlnecker	B8	51.1	84.0	18,081	678
Walmoore 1	3	129.6	88.6	18,712	678
Round Top Farm	B3	83 2	84 0	19,658	677
Duane&Carolyn Eberly	B3	40.5	90 0	19,754	676
Walmoore #3	B3	139.8	87.8	17,569	671
Floyd Miller & Sons	B3	70.8	86 5	18,210	671
Charles-Don Gable	1	69 4	84.8	15,293	670
David F King	B3	33.8	92.9	19,542	668
George Strutynski	B3	85 5	86.9	17,491	668
J Elvin Ranck	B3	33 0	88.2	18,762	667
Merle J King	B3	95.4	83.7	17,875	666
Ridglea Farm	3	93 4	84.8	17,230	665
Paul M Snader	B3	28 3	88 1	18,468	664
James V Yale	B3	70 4	90.3	17,054	662
Maplesway Farm	3	72 7	89 6	17,882	661
Harold R Kulp	B3	82 1	87 2	17,743	658
John K Kauffman	B3	37 1	85 6	18,519	658
New Bolton Centerut4	B3	40 8	85 1	17,516	656
Chester Hills Farm	G3	121 5	88 5	18,050	653
Lloyd Mast & Sons	3	130 6	87 4	17,168	651
Dennis Bush	B3	59 3	85 0	20,064	650
Highpoint Acres	B3	107 0	85 7	17,936	650

Ben Beiler & T Barlow						
Niki 60	3	3-7	305	25,395	4 6	1161
Arlen 74	3	3 6	305	23,729	3 9	937
Frsky 95	3	4-0	305	23,205	3 6	832
Breck-A-De Farm						
106	3	5-6	305	25,623	4.5	1148
18	3	4-6	305	27,300	3 3	897
17	3	5-5	299	23,310	3.7	865
Melwood Farm						
Sunflo	3	3-9	305	35,161	3 3	1147
Annie	3	4-10	305	29,766	3.2	961
Thomas C Kearns						
27 Elle	3	6-2	305	27,009	4 2	1136
49	3	4-1	305	25,171	3.8	956
39	3	3-8	305	23,361	3.9	905
2 Elain	3	5-9	305	23,646	3.6	849
40	3	3-10	305	21,551	3.8	816
Gottlieb Strohmaier						
142	3	5-10	305	26,741	4.2	1116
Harold J Ranck						
Regal	3	6-4	302	27,098	4.1	1103
Ruann	3	4-3	305	23,496	4 3	1020
Ann	3	9-0	305	24,241	3.6	879
Glen H Freese						
Royal 58	3	6-1	305	27,747	3.8	1049
Angora	3	3-3	305	24,718	3.8	938
Go Go 35	3	10-4	305	24,309	3.3	811
Chester Hills Farm						
W203	3	7-9	300	21,079	5 0	1048
David E Weaver						
Suds	3	6-4	305	27,129	3 8	1037
Chairmin	3	6-2	305	24,430	3 3	806
Jonas B Stoltzfus						
Pretze	3	6-5	305	24,807	4.1	1021
Ione	3	5-0	305	23,461	4.2	992
Olga	3	5-8	305	23,024	3 9	904
Chief	3	5-11	305	19,103	4.6	885
Carrie	3	3-4	305	23,821	3 6	850
Blacky	3	3-0	305	20,152	4.0	804
Jefferson D Yoder						
80	3	6-3	305	23,613	4 3	1005
50	3	8-3	285	22,762	4 2	951
42	3	6-3	305	23,892	3 8	896
33	3	8-3	305	20,239	4 1	821
George P Lamborn						
Cue	3	4-2	303	24,635	4 1	998
H&R Mason						
237	3	3-5	305	27,824	3 6	994
231	3	3-7	299	24,430	3 7	910
301	3	2-4	305	18,559	4 4	820
Merle J King						
Elenor	3	5-0	305	24,879	4 0	990
Susan	3	3-2	305	22,820	3 6	826
Lil	3	7-8	305	25,541	3 2	817

(Turn to Page E5)

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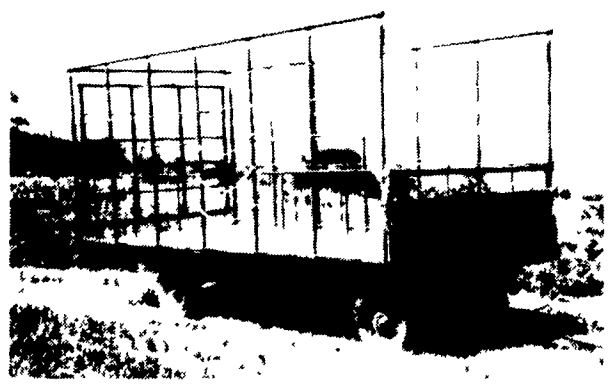
Chester Co. DHIA

(Continued from Page E4)

Kulp Bros						
277	3	6-10	300	22,767	4 3	986
1	3	3-1	305	21,857	4 1	893
334	3	5-3	291	18,644	4 6	858
David & Dawn Windle						
Chief	3	7 1	305	23,416	4 2	975
Dennis Bush						
281	3	6-4	305	20,438	4 8	971
Swan View						
Joy	3	8 4	305	27,150	3 6	969
Darla	3	4-3	292	21,809	4 0	867
Round Top Farm						
69	3	5-9	305	27,402	3 5	962
Jesse E Lair						
Ell	3	0-0	305	23,230	4 1	958
Lissie	3	4-2	305	24,768	3 4	833
Petty	3	7 7	305	22,455	3 6	819
Walmoore						
286	3	4-6	305	22,907	4 1	947
Landis S Reid						
55	3	4-6	305	23,783	3 9	938
65	3	4-6	305	26,290	3 2	840
133	3	2 2	305	20,319	4 1	832
25	3	5-6	305	21,435	3 9	829
J Elvin Ranck						
Pretty	3	4 2	305	23,557	4 0	935
John S Stoltzfus						
Rosita	3	8 6	305	23,910	3 9	928
Lila 152	3	3 4	305	20,416	4 3	874
Fage 150	3	3-4	305	20,426	4 2	864
Lorna 58	3	6 2	305	24,031	3 6	859
Wilmer L Hostetter						
Venus	3	5 4	305	23,896	3 9	921
Paul Martin						
50	3	4 11	305	23 744	3 9	915
Vernon Guest & son						
Clara	3	7-8	266	22,073	4 1	914
Effie	3	7-6	293	20,229	4 2	848
Donald Hostetter Jr						
Drumer 4	3	3-5	305	24,252	3 8	913
Supreme	3	6-2	305	22,259	3 8	854
Arthur & Dwane Hershey						
Alice 9	3	11 11	305	24,414	3 7	911
Paul M Snader						
140	3	5 0	305	22,023	4 1	906
Mark & Melody Stoltzfus						
Vickie	3	3-1	305	23,737	3 8	904
Franche	3	4-6	305	24,443	3 7	900
Mary	3	3-4	305	21,348	4 1	876
Pearl	3	4-1	305	22,084	3 9	853
High Point Acres						
Lorrain	3	5-3	305	22,800	3 9	896
Timberview Farm						
Pride 33	3	5-5	305	19,334	4 6	889
Bright Meadows						
Best	3	3-0	305	24,807	3 6	886
30	3	6-2	288	23,720	3 6	863
Sue	3	3-1	305	21,998	3 8	834
Styx	3	3-2	305	21,578	3 7	806
Step	3	3-2	305	23,351	3 4	800
Dennis Bush						
81	3	5 7	305	24,622	3 6	882
Mrs John B Hannum 3D						
232	3	3-2	305	26,259	3 3	876
287	3	5-3	305	25,346	3 4	854
Chris & Ches Stoltzfus						
Melody	3	6-4	305	23,909	3 7	875
Hart	3	4 3	305	21,505	4 0	858
Floyd Miller & Sons						
41	3	4-10	294	21,020	4 2	874
16	3	5-4	305	21 297	4 1	869
Harold R Kulp						
Lira	3	6 3	305	21,623	4 0	871
Ajax	3	5 2	305	22,027	3 7	806
Jade	3	4-2	305	20,865	3 8	802
Samuel K Stoltzfus						
Easter	3	4-10	305	25,836	3 3	858
Benjamin K Kauffman						
Orono	3	6-5	299	23,282	3 7	856
Donald L Kauffman						
Luster	3	4-3	305	23,290	3 6	850
Elk Spring Farm						
94	3	4-6	292	17,759	4 8	845
William L Stoltzfus						
Reba	3	3-5	305	24,296	3 5	844
David K Stoltzfus						
43	3	6-6	305	23,536	3 6	843
46	3	2-2	305	19,072	4 4	843
Norman Laffey						
202	3	5-2	305	25,134	3 3	841
Lloyd Mast & Sons						
212	3	6-6	305	17,445	4 8	841
238	3	5-8	305	19,444	4 2	808
Rothenberger Bros						
19	3	5 2	305	23,497	3 6	839
George Strutynski						
35	3	7 3	305	20,379	4 1	834
Calvin & Tim Kurtz						
3	3	8-3	302	23,098	3 6	833
Ardrossan Farms						
S-Ivana	1	4-6	283	20,048	4 1	831
P-Bunny	1	5-8	305	21,162	3 9	827
Jgladys	1	5 11	305	21,846	3 8	826
Robert E Pepple						
86	3	6 6	305	27 214	3 0	829
Richard Hoover						
81	3	6-0	305	20,559	4 0	829
Ken & Marilyn Umble						
Regina	3	4 4	305	21,719	3 8	828
Roy & Ruth Ann Bender						
Pepper	3	3 11	305	22,600	3 7	826
Landhope Farms						
342	3	4 3	305	19 320	4 3	824
Daniel R Stoltzfus						
Ora	3	3 1	305	23 956	3 4	820
Jonas Emanual King						
Peg E	3	6 10	305	21 370	3 8	820
J Elmer Lapp						
Naomi	3	8 0	305	24 227	3 4	819
Sam & Marian Stoltzfus						
135	3	4 5	305	23 681	3 5	819
Hoopes T Yarnall						
37G	3	7 6	305	22,231	3 7	813
Leon D Kurtz						
E Holly	3	6 5	305	24,505	3 3	812
Daivd Bartram						
772	3	4 5	305	22 930	3 5	812
Amos J Stoltzfus						
Penny	3	6 2	305	19 406	4 2	812
Paul Smoker						
110	3	5 7	305	24 047	3 3	804
Amos K Kauffman						
Barbie	3	4 7	305	22 671	3 5	803
Misty Octoraro Farm						
Mindy	3	5 11	305	23 950	3 3	801

BEST BUY of the YEAR



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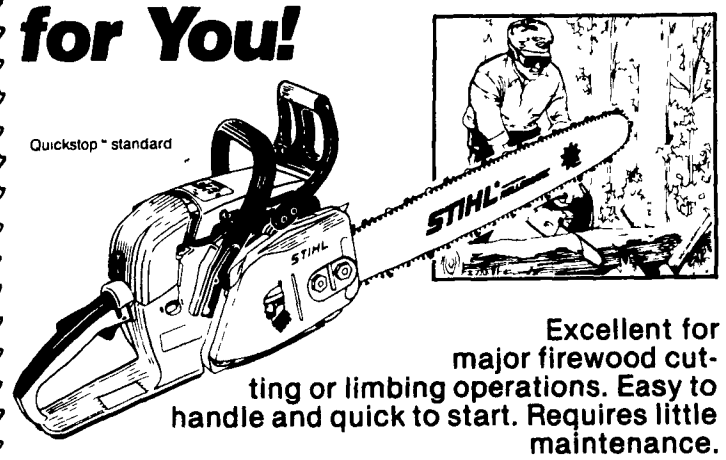

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Lehigh County 4-H Beef, Sheep, Swine Club M

ALLENTOWN — Approximately 300 persons attended an awards dinner to recognize members of Lehigh County's 4-H beef, sheep and swine clubs.

The program, held Saturday Jan. 24 at the Germansville Firehall, was conducted by 4-H club officers, leaders and parents. It was the concluding activity of the 1986 4-H project year.

Following dinner and presentation of awards, the group enjoyed listening and dancing to the music of the Majestics.

Award recipients are listed below.

Beef Club awards were presented to: Daniel Hartman, Debra Krause and Karen Rabenold, 1986 champion trio; Gavin Grim, champion fitter; Debra Krause, reserve champion fitter; Karen Rabenold, senior showman; Rhonda Hartman, senior reserve showman; Debra Krause, reserve intermediate showman; Gavin Grim, junior showman and Daniel Hartman, reserve junior showman.

Jason Grim received the first year showman award, while Shannon Wetzel earned the reserve first year showman. Todd Bennecoff was recognized for the best rate of gain and Brian Lazarus for the champion steer.

Also recognized were livestock judging team members Gavin Grim, Daniel Hartman and Debra Krause, who was also honored for her outstanding project book.

Sheep club awards were presented to: Joshua Grim, senior showman; Ruth Grim, reserve senior showman; Brian Lazarus, intermediate showman and Stephen Breininger, intermediate reserve showman.

Also receiving sheep club awards were Jon Voortman, intermediate reserve fitter; Laura Lazarus, junior showman; Lori Tyson, junior showman; Tracy Voortman, reserve junior showman; Lori Tyson, junior fitter; and Bruce Snyder, reserve junior showman.

Other sheep awards went to: Grant Lazarus, first year showman, Lynn Lazarus, Jr., first year reserve showman; Grant Lazarus, first year fitter; Lynn Lazarus, Jr., first year reserve fitter; Ruth Grim, most helpful and shepherd; Lynn Lazarus, Jr., reserve grand champion lamb; and Scott Lazarus, reserve champion pair of lambs.

Swine club awards were presented to: Jack Mosser, grand champion market hog; Benjamin Lazarus, reserve grand champion market hog; Sheri Lazarus, lightweight champion market hog; Seth Gruber, senior fitter; Scott Lazarus, reserve senior fitter; Todd Bennecoff, senior showman; and Scott Lazarus, reserve senior showman.

Other swine awards went to Michael Dietrich, intermediate fitter; Daniel Hartman, reserve intermediate fitter; Mark Lazarus, intermediate showman; Daniel Hartman, reserve intermediate showman; Kurt Haas, junior fitter; Kristen Haas, reserve junior fitter; Kurt Haas, junior showman; Benjamin Lazarus, reserve junior showman; Jack Mosser, first year fitter; Lynn Lazarus, Jr. reserve first year fitter and first year showman; Brant Lazarus III, reserve first year showman; and Rhonda Hartman, most helpful member.

Sheep club award winners are, front row from left, Grant Lazarus III and Laura Lazarus. Second row from left, Lori Tyson, Lynn Lazarus, and Tracy Voortman. Third row: Ben Lazarus, Bruce Snyder, Stephen Breininger, Jon Voortman, Juliann Breininger. Fourth row: April Lazarus, Brian Lazarus, Scott Lazarus, Ruth Grim and Joshua Grim.

Wheat Growers Conference Slated

WASHINGTON — The National Association of Wheat Growers and their Foundation are preparing wheat growers for a worsening farm crisis. According to Dr. Virgil W. Smail, foundation director, there will be two major issues that wheat growers must address next year to survive the worsening farm crisis. The first issue is the growing surplus and noncoordinated trade policies of the U.S. as they affect the price of wheat. The second issue is the competitiveness of each wheat grower's individual production practices in the world market.

While the association is gearing up for a major initiative to handle the surplus problem and to effect changes in our trading system to make the U.S. a more competitive trader in a free world market, the foundation has announced two major projects to help growers increase their profits by using modern production and management techniques.

Every grower in America needs to reevaluate his production practice to determine if it is the most profitable system possible. The Wheat Growers Foundation has two new projects that will help growers evaluate and test the latest in wheat production practices. The TEST-20 program will instruct growers on how to implement a 20-acre test plot using their own Maximum Economic

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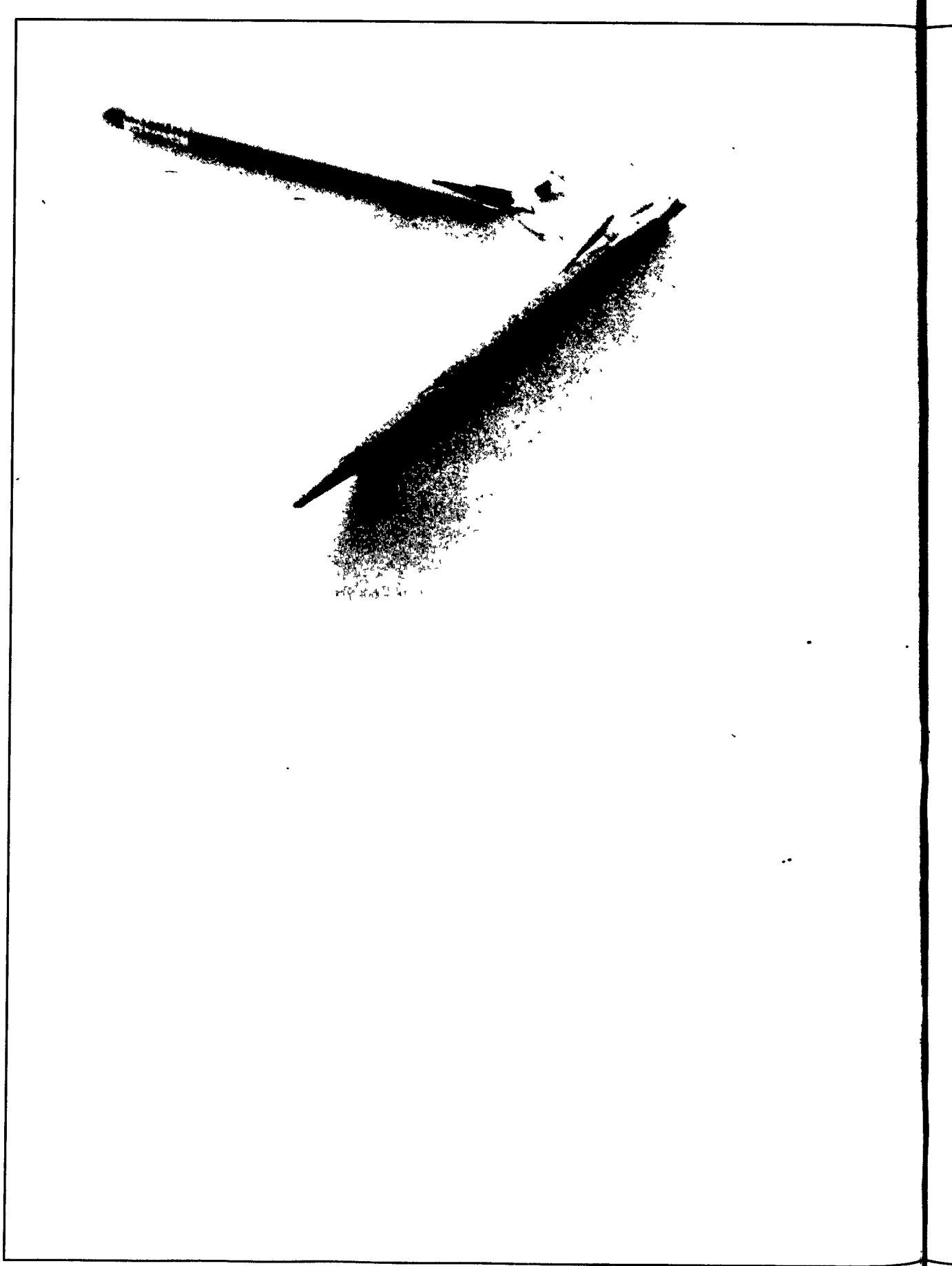
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bers Honored At Awards Banquet January 24

Swine Club award winners are, front row from left: Ben Lazarus, Grant Lazarus, Kristen Haas and Jack Mosser. Second row: Sheri Lazarus, Kurt Haas, Lynn Lazarus, and Rhonda Hartman. Third row: Mark Lazarus, Seth Gruber, Todd Bennecoff, Scott Lazarus and Daniel Hartman.

Beef club award winners are, front row from left, Jason Grim, Shannon Wetzel, Rhonda Hartman, and Debra Krause. Second row, from left: Gavin Grim, Brian Lazarus, Todd Bennecoff and Daniel Hartman.

New Highway Deicer

ST. LOUIS, Mo. – A non-corrosive, environmentally safe compound made from corn may be used to deice highways and secondary roads in the future.

Recently, the National Corn Growers Association provided a $25,000 grant to the New York State Energy and Research Development Authority for research designed to determine the economic feasibility of using corn as a feedstock to produce calcium magnesium acetate as a road deicer.

NCGA's vice president of research, Marion Hartman, a corn farmer from Hillsboro, OH, made the presentation to NYSERDA officials in Albany, NY. "While there is on-going research being conducted around the country using CMA as a road deicer, the CMA being used is all petroleum based," says Hartman. "We feel corn can be the feedstock of the future for making CMA, and the $25,000 investment of corn checkoff funds allows researchers to determine the cost effectiveness of using corn to produce CMA."

Hartman says 100 tons of CMA, produced through this research grant, will be made available to the state corn checkoff boards in the fall of 1987, for distribution to state departments of transportation to conduct tests with the product.

Research continues to grow in the use of CMA by the U.S. Department of Transportation (DOT) and transportation departments in several states and Canada.

According to NCGA Research Director Dan Ragsdale, the U.S. Department of Transportation has contracted for 200 tons of CMA and an additional 200 tons of CMA-coated sand granules for testing purposes. Testing will be done on I-280 near Davenport, IA in 1987, in cooperation with the Iowa DOT's Research Lab.

If CMA derived from corn can replace just 10 percent of the highly corrosive, environmentally damaging salt currently used as a road deicer, an additional 60 million bushels of corn would be utilized annually.

Wheat Growers

(Continued from Page E6)

Yield production practice to determine what components of this new production system work on their farm. Eleven sponsoring industries are offering 25 percent rebates on products used in MEY production to encourage growers to try this system.

Registration will be limited to the first 2,000 growers. The cost to enter the program is $45.

The second program is the National Wheat Research Conference to be held in Kansas City, Mo. from Feb. 24-26, 1987. This grower-oriented conference will highlight talks from leading national experts on maximizing wheat production and farm management efficiency. There is probably no better way to learn the latest in competitive growing systems. Registration packets for both events can be obtained by calling 800-543-1500 and asking for the NAWG TEST-20 and NWRC registration information.

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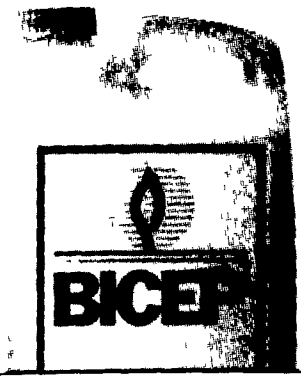

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N.Y. DHI Offers Management Tools To Dairymen

ITHACA, N.Y. – Farmers can not rely on guesswork and intuition alone to run their business effectively; they need management tools which will provide the best return for their money invested. Dairy Herd Improvement production records are one such management tool which can provide valuable farm management information and also give a high rate of return, according to Terry Smith, extension dairy specialist and assistant professor of animal science at Cornell University.

"A farmer can not afford to be without accurate production records," Smith said. In this time of increasing technological advances in the dairy industry, "herds cannot be without a sophisticated records keeping system like that offered by DHI," he added.

DHI milk anaylsis data and farm management information can increase a cow's production by 4,000 to 5,000 pounds milk per cow per year, Smith said. But just receiving the records is not enough; farmers need to know which DHI options to receive and how to use these management reports on a regular basis to effectively monitor their herds, he added. "DHI strives to meet the needs of a diverse population," by offering a variety of options and management records programs, he said.

This diverse population of dairy farmers can choose from a number of milk sampling and analysis programs to meet their needs. DHI field services are "error-free, efficient and complete," Smith said.

With DHI supervised programs, trained DHI records supervisors visit the farm and take milk samples for analysis and record individual cow's milk weights. Official DHI records are used in the Northeast and USDA sire and cow evaluation program, research, extension education studies, pedigrees and for publicity.

Farmers may also use unsupervised, unofficial programs such as Owner-Sampler and Owner-Sampler AM-PM. With these programs, farmers weigh, sample and record herd data for their own herd using DHI equipment. Since unsupervised programs are not verified by a DHI supervisor, they are not used for sire evaluation or publicity.

Once the milk samples arrive in the milk analysis laboratory at DHI, they are analyzed for milkfat, protein and somatic cells. "Along with milk weight information, this data allows farmers to summarize the production levels of groups of cows and individual cows," Smith said. "Without production records, monitoring and controlling the performance of your herd becomes guesswork," he added. This monthly information "provides a valuable herd management tool," Smith said. "Those without this tool are at a distinct disadvantage," he added.

Action-oriented reminders are another important management tool which DHI offers dairy farmers, Smith said. Barn Information Action Sheets are monthly reminders of which cows need to be bred, checked for pregnancy, dried off, treated for mastitis or considered as potential culls.

DHI also offers a management program for non-milking herd animals, including an annual herd register, calf identification pages and action sheets for calves and heifers.

An option of great importance to monitoring herd health is DHI's Somatic Cell Count report – an accurate way to monitor animals. The bacteria from mastitis infection causes a high somatic cell count which means a significant loss of income for the farmer. According to the NYS Mastitis Control Program, mastitis costs the average dairy farmer $180 to $200 per cow per year due to lost milk production, discarded milk, death and veterinary expenses. Farmers can monitor a probable mastitis case and identify problem cows early with the DHI Somatic Cell Count option. "Anything that reduces mastitis puts more money in the farmer's pocket," Smith said.

The advent of computerization throughout the industry makes DHI records even more valuable, Smith said. "Nowhere else in the industry are they doing what DHI is doing with on-farm data collection. DHI recognizes the value of on-farm computing," he added. Through the Remote Management System, farmers can access their records using their own microcomputers. Cornell and NY DHI are making continuous improvements in the system, allowing farmers to expand on their DHI records by entering data directly into their own computers on the farm.

Smith said using microcomputers on the farm without DHI support can lead to incorrect or incorrect transferral. NY DHI in conjunction with land grant colleges, "offers the field support farmers need with on-farm computing, he said.

Land grant colleges also use raw data from DHI in many areas of dairy management research, Smith said. "Identifying the best bulls available in the world have been a result of analyzing DHI production records data," he added. In addition, cooperative extension agents offer support services which enhance the value of DHI records.

"DHI services span across the whole management system," Smith said. He cited milk production and mastitis monitoring, herd performance summaries and action-oriented reminders as key reasons to receive DHI records. "You can keep records by yourself, but its not very cost effective. DHI spreads overhead costs over a large population." Smith claimed he could not understand how a farmer succeeded in business without DHI services. "If you do a good job managing a herd, I don't know how you do it without DHI records," he said.

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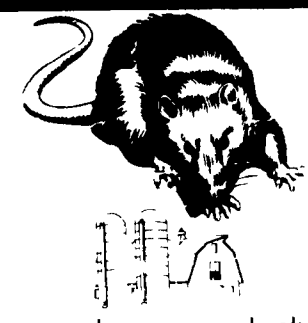

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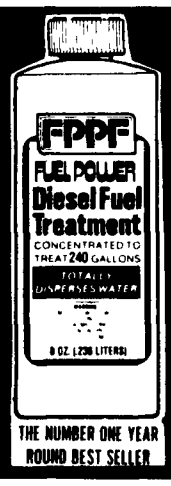

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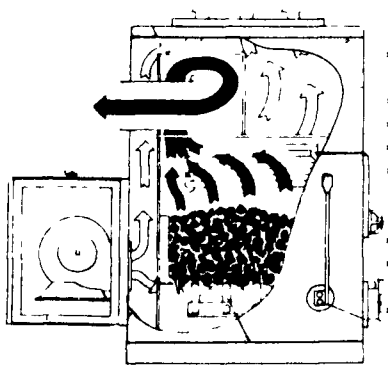

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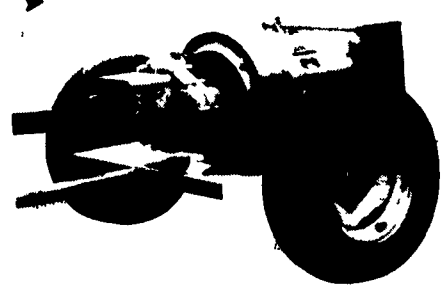

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USDA Defines 'Highly Erodible Land' In Sodbuster Provision

HARRISBURG – "Highly erodible land" is a new U.S. Department of Agriculture buzz word. According to a USDA conservationist, this term can have a big impact on farming operations in Pennsylvania.

"The conservation provisions of the 1985 Farm Bill require protection of highly erodible land against soil erosion to keep eligibility for other USDA programs," declared Gene Thompson, Food & Agriculture Council (FAC) Chairman. Most county farmers benefit from one or more of the involved USDA programs, such as crop subsidies, farm loans, disaster payments and crop insurance. Nationally 80 percent of the farmers will be affected by this portion of the farm bill.

The question of what is highly erodible land is on the mind of many county farmers.

USDA defines highly erodible land as that with the potential to erode excessively when cultivated without adequate conservation treatment. In further refining the definition, land without cover or conservation practices which would erode eight or more times faster than it is being formed would be classes as highly erodible.

Since the definition includes the "potential to erode," large acreages of pasture, woodland and other farmland will also come under the provisions if converted to cropland. Nationally, 117 million acres of cropland and 227 million acres of noncropland have been identified as highly erodible.

Erodibility of the land is determined by a combination of the Land Capability Classification System and the Universal Soil Loss Equation (USLE) as used by the Soil Conservation Service. USLE is a determination of the actual erosion occurring on the land. Both methods use the soil units in the county soil survey report as the basis for determination.

Land Capability Classes I through VI are increasingly fragile. "All Class III, IV and VI soils are highly erodible", reported Robert Heidecker, Soil Conservation Service. Class I soils are not highly erodible. The questionable soils are in Class II. Factors such as climate, topography and soil properties determine which Class II soils are or are not highly erodible. SCS is directed by the Farm Bill to identify highly erodible soils where they are intended for use as cropland, and where the farmer wishes to remain eligible for USDA benefits.

SCS field offices are prepared to help farmers determine whether their fields have highly erodible soils.

The amount of highly erodible land determines if a farmer must apply soil conservation practices to benefit from other USDA programs. For a field to be considered highly erodible, one-third or more of the field must be highly erodible or the area of highly erodible soils must excede 50 acres.

Under the provision commonly called sodbuster, all land not planted to a commodity crop during 1981-85 but plowed after Dec. 23, 1985 would require application of needed soil conservation practices within two years of plowing to maintain USDA program eligibility. Any of this land plowed in 1988 or later must have the needed practices applied before plowing to remain eligible. Commodity crops are annual tilled crops.

Under the conservation compliance provision, any farmer who has been planting an annual crop on highly erodible land must have a conservation plan and begin application of practices by January 1, 1990. The local conservation district must approve the conservation plan. The plan must be implemented by January 1, 1995 to maintain eligibility. Thompson cautioned that if farmers become ineligible, he or she loses USDA program benefits on all the land farmed by that individual, not just on the highly erodible part.

Farmers with questions about highly erodible land should contact the USDA Soil Conservation Service office for their county. SCS will also assist with the development of conservation plans and with the application of practices. Cost sharing for practice application may be available from the Agricultural Stabilization and Conservation Service.

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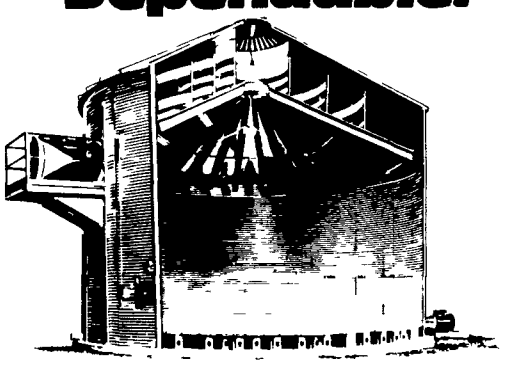

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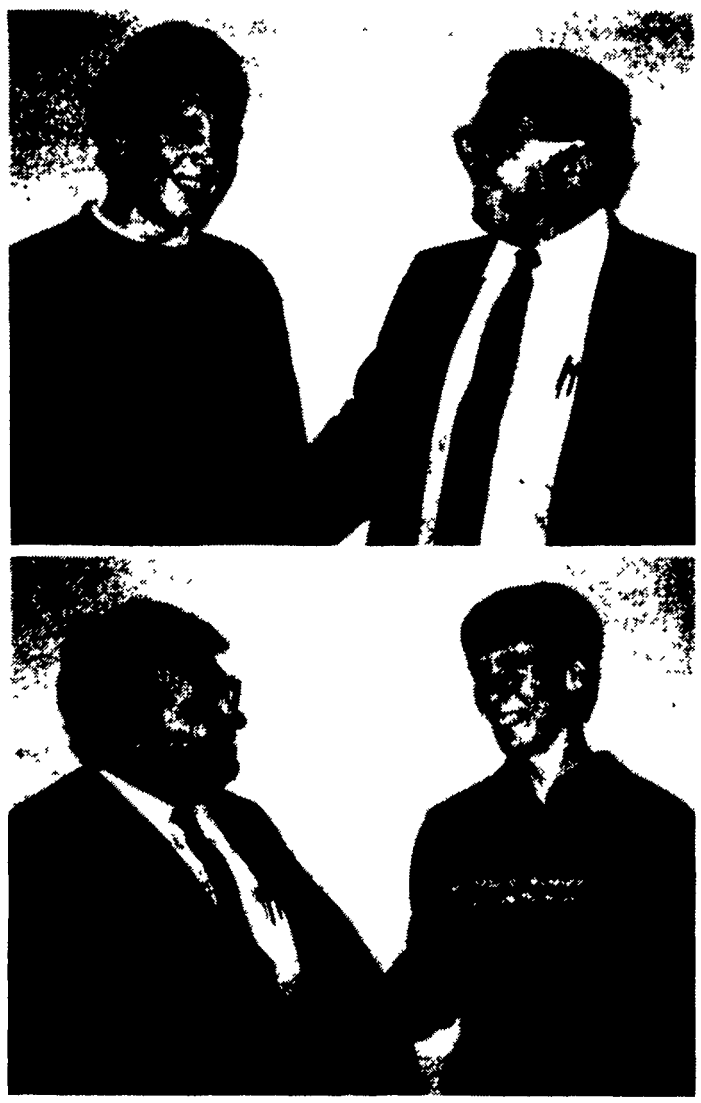

Danny George, right, carves meat to serve 80 guests attending a banquet he hosts yearly for 4-H members and their families in Lehigh County. An active supporter of the 4-H program for many years, George has purchased many 4-H animals, including the grand champion steer at the Pennsylvania Farm Show and at the Eastern Pennsylvania 4-H Beef and Lamb Show and Sale. At left, George congratulates Daniel Berghold (top), owner of the champion steer at Eastern Pennsylvania 4-H Beef and Lamb Show and Sale, and Mike Messick (bottom), owner of the Farm Show champion.

Pennsylvania Maple Festival Scheduled For April

MEYERSDALE – Each year with the coming of Spring, Mother Nature treats us to her sweetest gift – maple syrup, and each year the Pennsylvania Maple Festival celebrates this natural phenomena. The 40th Annual Pennsylvania Maple Festival will be held in Meyersdale, April 4, 5, and 8 through 12.

Festival Park, which is located on Meyers Avenue, will be the center of many of the Festival's activities and exhibitions. Here, visitors can witness the tapping of the maple trees, making of maple syrup, sugar cakes, candy, "spotza", crumb sugar and other maple goodies and be able to buy some to take home.

Also in Festival Park are an authentic cobbler's shop, antique doctor's office, country store, and craftsmen who will be demonstrating their craft and offering products for sale. No visit is complete without a tour through Maple Manor (the oldest home in the area) filled with colonial and Victorian antiques; its old hand-blown windows and fireplace sparkle as they have for over 200 years. One section of the Manor also features a museum containing artifacts unearthed from a nearby Indian settlement.

The Maple Festival Park stage will be alive with the sounds of Bluegrass and country music with clogging groups dancing their traditional Appalachian dance. Jazz and rock and roll are also scheduled for the last weekend on stage.

Outside the park, the windows of local stores and businesses will be filled with displays of antiques and collectables. The Quilt Show has hundreds of handmade quilts for show and sale. The pageant, "Legend of the Magic Water," with a cast of over 150, describes in narration, music and humor, the legend of the discovery of maple syrup by the Indians and the history of the surrounding area. The pageant will be presented April 4, 8, and 11, at 2 p.m. each day.

An additional Musical Revue will be presented April 9 and 10, at 11 a.m. and 3 p.m. by the nationally acclaimed group, "Celebration." Both programs are held at the Meyersdale Area High School Auditorium.

Other highlights of this year's Festival will include a Rod-Classic Auto Show Sunday, April 5 (noon to 5 p.m.); Horse-pulling Contest, Sunday, April 5; Grand Feature Parade on Saturday, April 11 (starting at 5 p.m.), and an Antique Auto Show Sunday, April 12 (noon to 5 p.m.).

One of the biggest attractions of the Festival has always been the Lions Club pancake and sausage meals, served with 100 percent pure Pennsylvania Maple Syrup. These are served each day of the Festival from 9 a.m. to 6 p.m.

A free brochure, information, reservations, and directions may be obtained by writing or calling the Pa. Maple Festival, Box 222, Meyersdale, Pa., 15552, or call 814-634-0213.

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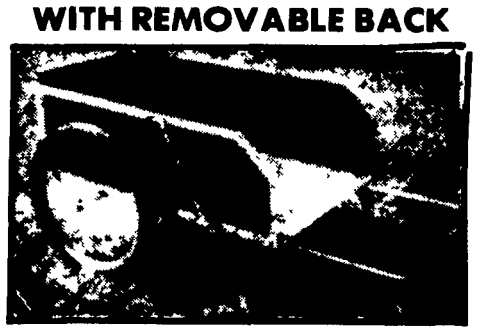

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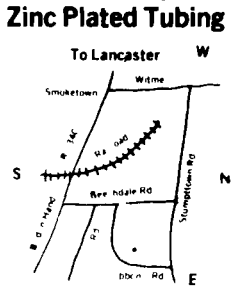

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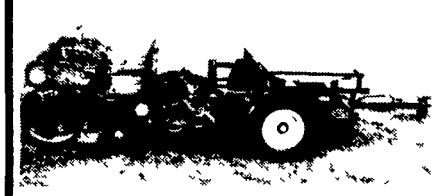

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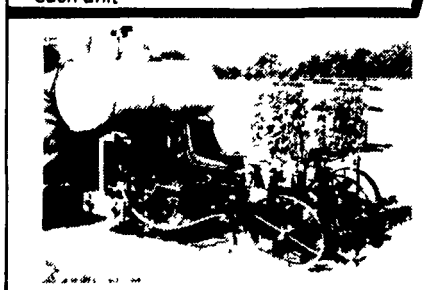

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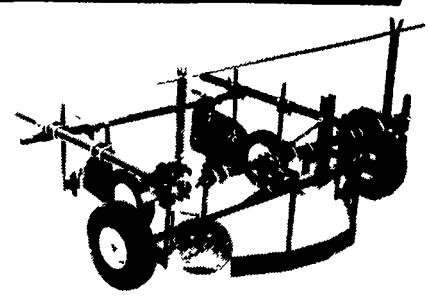

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NACA Spreads Word About Farm Chemical Safety

WASHINGTON — The National Agricultural Chemicals Association (NACA) today announced a massive national program to improve the efficiency and professionalism of people on the front line of handling farm chemicals.

The comprehensive NACA undertaking will provide new tools to assure safety in a broad-based two-part effort aimed at the nation's farm community.

The program is called "Farm Chemical Safety Is In Your Hands." It focuses on communicating a single principle and only four simple elements, according to Dr. Earl C. Spurrier, NACA's vice president of Regulatory Affairs.

"We hope to develop understanding of the principle that risk equals toxicity multiplied by exposure. By simply reducing exposure, you reduce risk."

"All it involves is the use of rubber gloves, water, thorough washing and following label instructions for all protective measures," said Spurrier who conceived the program.

One part of the program includes a 12-minute videotape and a 12-page booklet for training and communicating the message.

The second part is multi-faceted promotion of the "Rubber Glove Zone" concept. It involves distribution of educational packets to 3,700 farm chemical dealers in 26 states.

NACA has distributed the scripts and 10-, 30- and 60-second tapes promoting the rubber glove concept to some 3,600 radio stations across the country which reach the nation's farmers. The program has already been tested and accepted overwhelmingly by farm chemical dealers as being an excellent safety approach. Some 1,042 dealers in six states participated in a six-state trial in 1986.

Spurrier contends the principle can be used "in every farm operation from managing a herd of cattle to driving a tractor or pickup truck. If we can persuade people that this will reduce exposure, then it becomes even more meaningful. That's the point we're trying to reach." The regulatory chief stressed that the dealers feel more of this needs to be done to develop recognition about how, why and where exposure can be reduced.

"Any user of farm chemicals can employ this program at virtually no expense. Simply use gloves, have water available, and wash the gloves and hands and follow label instructions."

"For this reason, we developed a concise videotape presentation. We sent it to all state extension pesticide coordinators, 40 state associations, 18 farm groups including American Agriwomen and Women Involved in Farm Economics, all of our principal contacts to be used for dealer training, in-house training and vocational-agricultural training. And we're getting positive responses."

Spurrier said one company ordered 75 videotapes and will equip all of its salesmen with two copies. "The salesmen will loan them to farmers to take home and show their families. Their view and ours is if we get the information out there, it will work."

The educational packets are available without charge from NACA. Contact them at 1155 15th St., N.W., Washington, D.C. 20005. Phone: 202-296-1585.

Erosion Decreased In 1986

HARRISBURG — Was the Susquehanna, or the Allegheny or the Delaware River any less muddy last year? Probably not that you could notice, but according to the USDA Soil Conservation Service in Harrisburg, soil erosion on Pennsylvania farmland decreased by almost two million tons last year.

This was due to soil conservation practices applied by more than 14,000 farmers in the state, reports James Olson, state conservationist. According to a report issued by Olson, over 241,000 acres were treated and protected against soil erosion.

SCS provided help to 26,800 landusers during 1986. Olson added that SCS's assistance to individual landusers is furnished through locally operated county conservation districts. He also pointed out that SCS's efforts to hold the soil in place improves water quality by keeping soil, fertilizers, and other farm chemicals out of streams.

Among the soil saving practices applied on Pennsylvania farms in 1986 were 25,500 acres of contour strip cropping, 516,600 feet of diversions, 345,000 feet of terraces, 575 acres of sod waterways and 193 animal waste management systems.

If you're looking for [illegible] system, look to the people who specialize.

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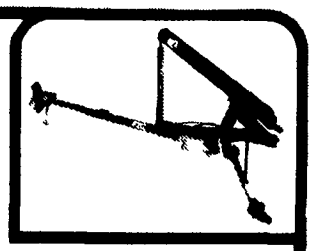
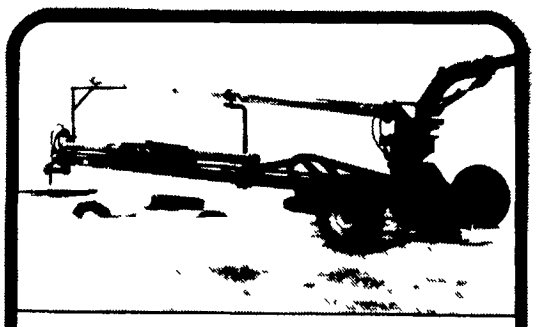


Fast Manure Agitation

Mixes liquids, sediments and surface crust into a slurry manure.

- 3 Point hitch plus hydraulic cylinder allow controlling propeller action precisely for maximum agitation effectiveness
- 24" 3-blade reinforced propeller provides high-volume mixing at end of 17' arm
- Standard 540 R P M power takeoff

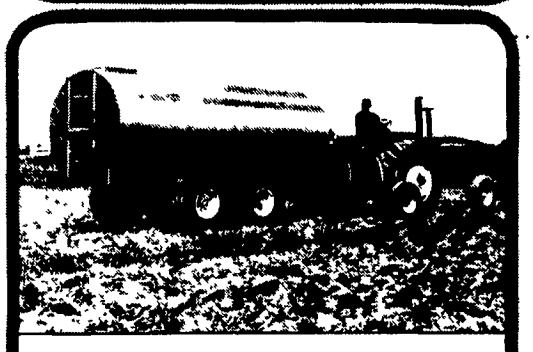


Dual agitation saves time

- Propeller agitates under the surface while nozzle breaks up surface crust
- Agitation nozzle rotates 340 degrees
- Loads 3,200-gallon tanker as fast as 90 seconds
- Up to 5 feet of height adjustment
- 25-foot and 35-foot lengths

Inject manure for more profit

- Injector discharges manure in soil to preserve nutrients and boost crop yields
- All operating parts up front for easy viewing and control
- Hydraulically operated precision gate valve operated from tractor seat provides controlled rate of unloading
- All working parts removable from outside of tanker
- Internal 4 bladed chopper homogenizes slurry
- Walking beam tandem axle with surge brakes on all 4 wheels
- 540 or 1000 R P M P T O available
- Four shanks are self penetrating for easier pull, deep injecting and good covering
- Shear bolt shanks feature replaceable points and leading edge
- Adjustable gauge wheels assure uniform depth
- Independent injector uses 3 point hitch



Hook up to the RUGGED ONE

- 3 200 Gallon Capacity
- Front Unloading — Left Hand Side Discharge
- Low Wide Spread Pattern
- Discharge Rate Controlled From Tractor Seat
- Four Bladed Impeller & Four Bladed Chopper

Here it is the RUGGED ONE from PATZ built as only PATZ will build them to last and last

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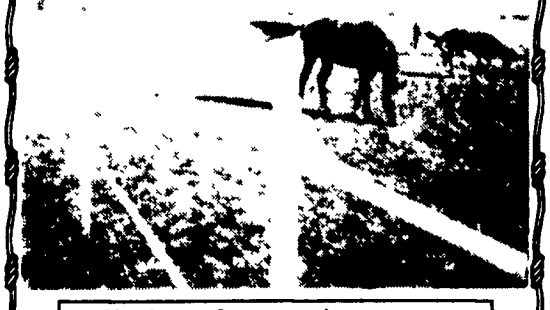

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In addition to strong equity programs, the benefits for the cooperative's 4,200 members are many. Atlantic will:

- Generate greater operat ing savings
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One of the nation's top 10 milk producing cooperatives, Atlantic members will produce an estimated 3.5 billion pounds of milk annually.

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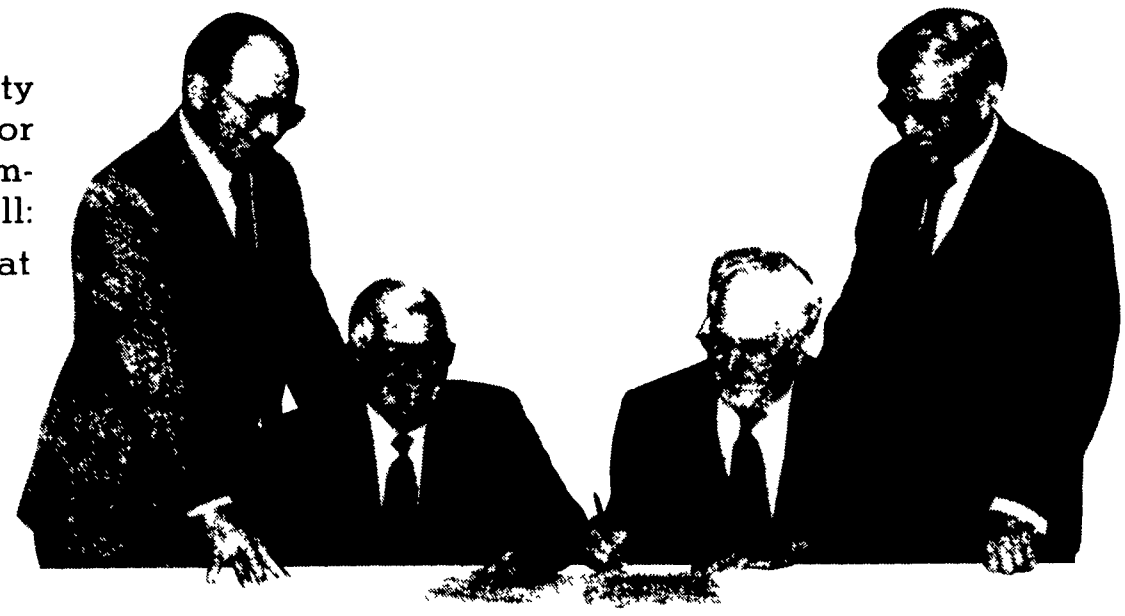

Atlantic Dairy Cooperative becomes official with the signing of the merger agreement From left are Paul E Hand, Inter-State general manager; Robert B McSparran, Inter-State president; Alpheus Ruth, Lehigh president, and William M Stout, Lehigh general manager

Atlantic Dairy Cooperative
1225 Industrial Highway
Southampton, PA 18966
(215) 322-0200

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